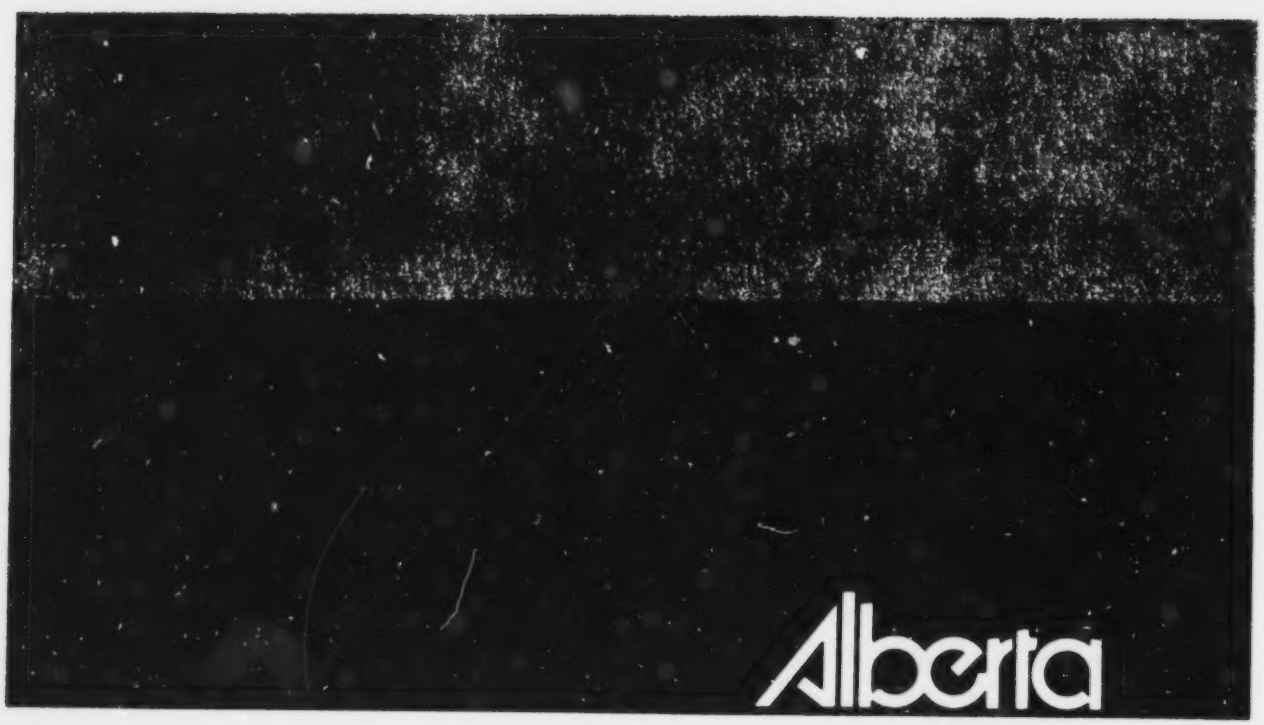
ALBERTA PRINCIPAL MANUFACTURING STATISTICS 1982



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ALBERTA, 1982

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SYMBOLS

The following standard symbols are used in this publication:

-	nil or zero
--	not reported
*	withheld to meet confidentiality requirements of the Statistics Bureau Act R.S.A. 1980
n.e.s.	not elsewhere specified

NOTE

Table totals may not equal sum of components due to rounding.

PREFACE

The data contained in this publication originate from the annual Census of Manufactures conducted by Statistics Canada. The census results are shared by Statistics Canada with the Alberta Bureau of Statistics, making it possible to significantly reduce the response burden on Alberta manufacturers. Appreciation is extended to the manufacturers for providing the information. It should be noted that the statistics presented are subject to specific legislation preventing the publication of information pertaining to individual establishments.

The data represent the most current small-area manufacturing statistics available. More recent provincial information in the form of estimates of the value of goods of own manufacture is published in the Bureau of Statistics' quarterly Alberta Statistical Review. These estimates are based on a monthly sample survey of manufacturers from the twenty industry groups that comprise the manufacturing sector. When the Census of Manufactures data become available, the corresponding monthly estimates are then adjusted to census totals.

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INTRODUCTION

This publication is the tenth in an annual series presenting principal statistics on Alberta's manufacturing industries. The data compiled in this report are based on the 1982 Census of Manufactures, a survey conducted annually by Statistics Canada, the results of which are shared with the Alberta Bureau of Statistics.

The principal manufacturing statistics provided consist of the number of manufacturing establishments in each industry, the number of employees in both production and non-production activities, the total salaries and wages, the cost of fuel and electricity, the cost of materials and supplies used, the value added by an industry and the value of goods of own manufacture. The data related to employees and fuel and electricity reflect the cost of manufacturing and non-manufacturing activities; that is, total activity. Non-manufacturing activities involve secondary activities such as the warehousing and distribution of goods, the merchandising of goods purchased for resale, the carrying out of construction with a company's own labour force for own use, and so on. Data on the cost of materials and supplies, value added and value of shipments reflect the cost of establishments' manufacturing activity only.

The manufacturing industries reported are organized into twenty major groups for the purposes of this publication: food and beverages; tobacco products; rubber and plastics; leather; textiles; knitting mills; clothing; wood; furniture and fixtures; paper and allied; printing, publishing and allied; primary metals; metal fabricating; machinery; transportation equipment; electrical products; non-metallic mineral products; petroleum and coal products; chemical and chemical products; and miscellaneous manufacturing.

The publication is presented in four parts. First is the introduction, which is followed by a description of the survey procedures and uses. The third part is comprised of the survey results. This part, containing the manufacturing statistics, is further divided into four sections. Section A, which presents a summary analysis, discusses provincial manufacturing

characteristics and trends over a five-year period. It provides actual and deflated data, offers comparisons to Ontario and Canada, and explores manufacturing's contribution to gross domestic product and employment in Alberta.

Section B, Tables 1 to 9, contains the principal manufacturing statistics grouped by type of industry at various geographic levels. Table 1 displays complete provincial statistics for each industry. Tables 2 to 7 present data for the five major cities in Alberta. Data for each census division and for selected municipalities and regions within the census divisions are provided in Tables 8 and 9. A map showing Alberta census divisions is included at the end of Section B.

Section C, Tables 10 to 15, contains provincial manufacturing data for each of six industrial groupings: agricultural processing, petroleum and chemicals production, metal and equipment fabrication, forest products, non-metallic mineral production, and manufacturing industries not elsewhere specified. The chief function of these groupings is to present, in the form of industry totals, confidential information not otherwise available. For example, the agricultural processing group totals (Table 10) incorporate data on leather tanneries. Because of confidentiality requirements, the data are unavailable from any other table totals. Inclusion in an industrial group is based on an industry's direct or indirect relationship to that production group. Using the agricultural processing group again as an example, industries belonging to that group are such primary industries as poultry processing and feeds, and also secondary and tertiary industries such as distilleries and leather tanneries utilizing raw agricultural products.

Section D, Table 16, disaggregates total activity employment data at the provincial level into that of production and non-production employees, grouped by type of industry.

The last part, which follows the survey results, contains three appendices. Appendix A is a glossary of terms, Appendix B lists Alberta municipalities alphabetically giving the number and type of manufacturing establishments in each, and Appendix C presents the 1970 Standard Industrial Classification (SIC) codes used to classify manufacturing industries.

SURVEY PROCEDURES AND USES

A. SURVEY METHODOLOGY

The data originate from the Census of Manufactures survey, conducted annually by Statistics Canada. The survey uses two types of questionnaires to collect different information from large versus small establishments. A "long form" questionnaire is used to request detailed information on principal manufacturing statistics and on commodity inputs and outputs. The "short form" is intended for smaller establishments and asks for minimum principal statistics. Statistics Canada's criteria for differentiating large and small establishments is based on firm size as measured by the value of shipments. The cutoff between large and small varies by industry and by province, but is set so that the "long form" questionnaire accounts for all but a small percentage of total manufacturing shipments. For smaller establishments, whenever possible, rather than sending a questionnaire, Revenue Canada tax information is used as a data source. This is done to minimize manufacturers' overall response burden.

An additional questionnaire, "the head office schedule", is used in cases where head offices or other auxiliary units, such as sales offices, warehouses and garages, are physically separate from the location of manufacturing activity and therefore have separate data to report.

For the Census of Manufactures, all data are collected from reporting units known as establishments, or from auxiliary units. An establishment is defined as the smallest unit capable of reporting the necessary principal manufacturing statistics -- usually a plant or mill. The term auxiliary unit is applied to any non-establishment statistical unit such as a head office or sales office. When an auxiliary unit is located at an establishment, the establishment report will include the data of such a unit. When such units are located separately and separate records are maintained, they are asked to complete a head office questionnaire.

The number of total survey units is used to calculate the response rate. Data were received from or were available through tax files for 2,833 of 3,548 total units, a response rate of 80 percent. Of the 2,833 responding units, 343 were auxiliary units, leaving 2,490 reporting manufacturing establishments. The breakdown of total survey units and reporting manufacturing establishments by industry group is presented in the following chart:

INDUSTRY GROUP	Total Survey Units	Reporting Manufacturing Establishments
Food & Beverage Industries	492	366
Tobacco Products Industries	5	-
Wood Industries	314	227
Paper & Allied Industries	46	39
Printing, Publishing & Allied Industries	506	384
Primary Metal Industries	35	25
Metal Fabricating Industries	561	398
Machinery Industries (except electrical machinery)	259	157
Transportation Equipment Industries	129	73
Non-Metallic Mineral Products Industries	207	152
Petroleum & Coal Products Industries	17	16
Chemical & Chemical Products Industries	113	79
Other Industries[1]	864	574
TOTAL ALL INDUSTRIES	**3,548**	**2,490**

[1] See Note to Table I

As in past years, the survey reference period is based on businesses' fiscal year and includes year-ends as early as April 1, 1982 or as late as March 31, 1983.

B. CONFIDENTIALITY PROCEDURES

Statistics presented conform to the confidentiality guidelines of the Statistics Bureau Act: Chapter S-22, Revised Statutes of Alberta, 1980, which prevent disclosure of information pertaining to an individual establishment. Also under the terms of this act, some statistics which in themselves are not confidential have been suppressed in order to prevent the indirect disclosure of confidential information. This means that data are not published for aggregations containing less than three establishments or containing three or more establishments when that industry is dominated by one or two establishments. Also, where data for only one industry in a table are confidential, it may be necessary to suppress data for a second industry that are not confidential. This prevents the confidential data from being deduced residually.

C. CAUTIONARY NOTES

When data are tabulated at the provincial level (Tables 1, 10-16), all information, including for separately located head offices and other auxiliary units, is summed. Data pertaining to the separately located auxiliary units are omitted, however, from industry totals for subprovincial areas (Tables 2-9), since these units are not strictly manufacturing. For example, data for a manufacturing plant in Red Deer would not include data for its head office in Edmonton. As a result, when individual subprovincial areas are tabulated to a provincial level, for some statistics, like those on employees, the data may not correspond with the totals provided in the provincial tables.

The data in this publication are disaggregated to the four-digit 1970 Standard Industrial Classification (SIC). When compiling data care should be exercised. Double counting will occur through summing of data at the two-digit level SIC with data at the three- and four-digit level. Further information on SIC codes and aggregations is contained in Appendix A.

SURVEY RESULTS

Section A
Summary Analysis

A. SUMMARY ANALYSIS

Selected statistics for 1982 are presented in this section, augmented by a discussion of five-year trends. Also included are figures in current and deflated dollars in a comparison that incorporates data for the leading manufacturing province of Ontario, and Canada. Manufacturing's contribution to gross domestic product and employment in Alberta is also described.

A number of summary observations can be made:

- Total Alberta value of shipments in 1982 was $13.3 billion. Over half was contributed by the food and beverages industry group and the petroleum and coal products group. Broken down by municipality, almost half of provincial shipments originated from Edmonton while Calgary produced about one-quarter of the provincial total.

- Compared to 1981, Alberta registered a slight decline of 1% in total value of shipments. This performance paralleled that of Canada and the leading manufacturing province of Ontario both in current and constant dollar measurements. In constant dollars, Alberta's decline from 1981 total value of shipments was 7.7%.

- Despite this decline, manufacturing accounted for over six percent of Alberta's gross domestic product in 1982 and provided seven percent of provincial employment.

The following paragraphs give a more detailed review of the data provided in the summary tables (I through IV).

Alberta manufacturing value of shipments for major industry groups for 1977 through 1982 is presented in Table I. In 1982, Alberta's total value of shipments was $13.3 billion. Three industry groups comprised 63% of this total. Of the 63%, 26.9% or $3.6 billion was accounted for by food and

TABLE I
VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE BY INDUSTRY GROUP: ALBERTA, 1977-1982

INDUSTRY GROUP	1977 Value of Shipments	1977 Share of Total	1978 Value of Shipments	1978 Share of Total	1979 Value of Shipments	1979 Share of Total	1980 Value of Shipments	1980 Share of Total	1981 Value of Shipments	1981 Share of Total	1982 Value of Shipments	1982 Share of Total
	$ millions	%	$ millions	%	$ millions	%	$ millions	%	$ millions	%	$ millions	%
Food & Beverages	2,059	34.2	2,424	32.6	2,825	31.6	3,025	28.8	3,595	26.7	3,570	26.9
Wood	330	5.5	388	5.2	446	5.0	434	4.1	511	3.8	415	3.1
Paper & Allied	210	3.5	241	3.2	283	3.2	331	3.1	388	2.9	424	3.2
Printing, Publ. & Allied	192	3.2	241	3.2	298	3.3	370	3.5	455	3.4	474	3.6
Primary Metals	292	4.8	375	5.0	513	5.7	676	6.4	793	5.9	617	4.6
Metal Fabricating	339	5.6	443	6.0	575	6.4	666	6.3	810	6.0	819	6.2
Machinery	156	2.6	240	3.2	315	3.5	469	4.4	693	5.2	639	4.8
Transportation Equipment	166	2.8	190	2.6	167	1.9	157	1.5	199	1.5	138	1.0
Non-Metallic Mineral Products	337	5.6	460	6.2	550	6.1	582	5.5	721	5.4	675	5.1
Petroleum & Coal Products	1,151	19.1	1,480	19.0	1,701	19.0	2,069	19.7	3,012	22.4	3,346	25.2
Chemical & Chemical Products	417	6.9	609	8.2	755	8.5	1,113	10.6	1,472	10.9	1,451	10.9
Other Manufacturing[1]	377	6.2	409	5.5	513	3.7	628	6.0	788	5.9	710	5.3
TOTAL	6,026	100.0	7,429	100.0	8,940	100.0	10,521	100.0	13,437	100.0	13,278	100.0

[1] Includes the following industry groups: rubber and plastic products, leather, textiles, knitting, clothing, furniture and fixtures, electrical products, and miscellaneous. Miscellaneous category includes scientific and professional equipment, jewelry industries, sporting goods and toy industries, signs and displays.

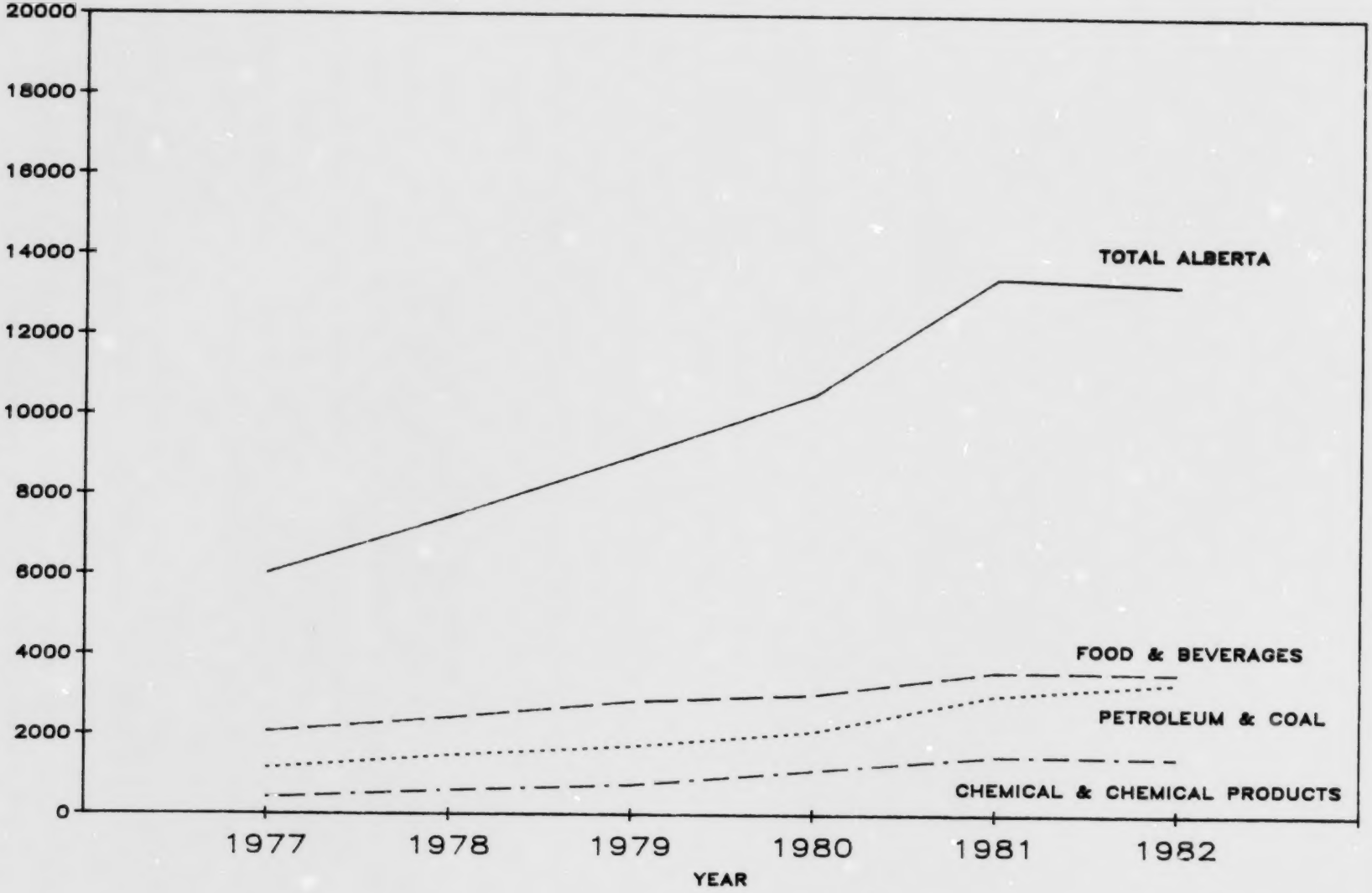
beverage industries. The petroleum and coal products group contributed $3.3 billion or 25.2% of the provincial total, and the chemical and chemical products group provided $1.5 billion, 10.9% of provincial shipments. The remaining nine industry groups contributed between 6.2% and 1.0% to the provincial total, with the transportation equipment industry contributing the least.

Examining the trend over five years reveals that Alberta's value of shipments more than doubled from 1977 to 1981, then declined slightly in 1982. The petroleum-based industries, comprised of the petroleum and coal products, and chemical and chemical products industries, as of 1980 led the province in value of shipments. Their share of total shipments grew from $1.6 billion or 26.0% in 1977 to $4.8 billion or 36.1% in 1982. Chemical and chemical products provided a major contribution to this increased share, with shipments increasing from $417 million or 6.9% of value of shipments in 1977 to 10.9% or $1.5 billion in 1982. From 1981 to 1982, the petroleum-based group's increased share was mainly due to the rise in value of shipments experienced by the petroleum and coal products group, which moved from $3 billion or 22.4% of shipments in 1981 to $3.3 billion or 25.2% in 1982. The decline in the share of total value of shipments that had been experienced by the food and beverages group until 1981, levelled off in 1982. Its share dropped from 34.2% in 1977 to 26.7% in 1981, then settled at 26.9% in 1982.

Of the major groups, the petroleum and coal products group consistently increased its value of shipments and proportion of the total over the five years. On a smaller scale, the machinery group nearly doubled its share over the same period. The other groups either did not change significantly in terms of their share or experienced declines. A significant decline in proportion of value of shipments occurred in the transportation equipment group, which fell from a high of 2.8% in 1977 to 1.0% in 1982.

Graph 1 depicts the five-year trend, highlighting the performance of the petroleum-based, and food and beverages groups. The graph illustrates the 1982 decline of overall Alberta value of shipments and of most of its major component groups. Of the major groups, the exception was the petroleum and coal products group, which increased over that time.

GRAPH 1
VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE
FOR SELECTED INDUSTRY GROUPS:
ALBERTA, 1977 – 1982



*see note to table I

Table II displays the growth rates of the value of shipments from 1977 to 1982 for each major industry group. In 1982, Alberta's manufacturing output as measured by value of shipments registered the first decline in the five-year period, a slight drop of 1%, in contrast to the growth surge of 28% experienced from 1980 to 1981. Overall, groups experienced either declines or lower growth rates in 1982. Petroleum and coal products experienced 11% growth, the highest of the groups, but still lower than previous years' growth rates. The steepest decline (31%) was experienced by the transportation group, though this is a comparatively small group as measured by value of shipments.

TABLE II
GROWTH RATE OF VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE BY INDUSTRY GROUP: ALBERTA, 1977-1982

	Percent Change					
INDUSTRY GROUP	1977-78	1978-79	1979-80	1980-81	1981-82	1977-82
Food and Beverages	18	16	7	19	-1	73
Wood	18	15	-3	18	-19	26
Paper & Allied	15	17	17	17	9	102
Printing, Publ. & Allied	26	24	24	23	4	147
Primary Metals	28	37	32	17	-22	111
Metal Fabricating	31	30	16	22	1	141
Machinery	54	31	49	48	-8	310
Transportation Equipment	14	-12	-6	27	-31	17
Non-Metallic Mineral Products	36	20	6	24	-6	100
Petroleum & Coal Products	22	21	22	46	11	191
Chemical & Chemical Products	46	24	47	32	-1	248
Other Manufacturing[1]	9	25	22	26	-10	88
TOTAL	23	20	18	28	-1	120

[1] See note to Table I.

Despite this slight decline, the value of shipments for total manufacturing more than doubled from 1977 to 1982, increasing by 120%. The machinery industries, which include agricultural implements and equipment manufacturers of office, store, refrigeration and air conditioning products, exhibited the greatest rate of increase in value of shipments, 310%. More

significant, however, because of their greater combined contribution to manufacturing activity, was the growth which occurred in the petroleum and coal products, and chemical and chemical products industries. These grew 191% and 248% respectively. At the other extreme, the transportation equipment industry group, comprised of aircraft, motor vehicle, trailer and parts manufacturers, experienced comparatively little growth between 1977 and 1982. Its value of shipments increased by 17% during that time.

To underline the effects of inflation, Table III depicts Alberta industry groups' 1982 current and constant dollar value of shipments, plus comparative growth rates from 1981 to 1982. For further comparison, Ontario and Canada figures are also presented.

The constant dollar (1971) value of shipments figures were derived using Statistics Canada's deflators for current and constant provincial gross domestic product for each industry. The indexes were applied to the current value of shipments to calculate the constant dollar values.

From 1981 to 1982, the total value of shipments in Alberta fell marginally by 1.2%. In constant terms the decline translated to a loss of 7.7%. Comparing the current and deflated values reveals that the non-metallic mineral products group, comprised mainly of concrete and concrete products manufacturers, experienced the most inflation. The deflated rate of decline was 22.2%, compared to a decline of 6.4% measured in current dollars. On the other hand, the paper and allied group was least affected by price changes. Its deflated growth rate was 6.9%, only slightly less than its current value growth of 9.3%.

The total performance of Alberta's manufacturing sector paralleled that of Canada and the leading manufacturing province of Ontario. When adjusted for inflation, rates of decline for value of manufacturing shipments were 7.7%, 7.6% and 6.8% for Alberta, Ontario, and Canada, respectively. Excluding the paper and allied, and transportation industries, the patterns in constant dollar growth rates exhibited by industry groups in Alberta were similar to those exhibited nationally and in Ontario.

TABLE III
VALUE OF SHIPMENTS (CURRENT AND CONSTANT DOLLARS) OF GOODS OF OWN MANUFACTURE AND GROWTH RATE BY INDUSTRY GROUP: ALBERTA, ONTARIO AND CANADA, 1982

	ALBERTA				ONTARIO				CANADA			
	Value of Shipments		Value of Shipments Constant (1971) Dollars		Value of Shipments		Value of Shipments Constant (1971) Dollars		Value of Shipments		Value of Shipments Constant (1971) Dollars	
INDUSTRY GROUP	$ Millions 1982	% Change 81/82	$ Millions 1982	% Change 81/82	$ Millions 1982	% Change 81/82	$ Millions 1982	% Change 81/82	$ Millions 1982	% Change 81/82	$ Millions 1982	% Change 81/82
Food & Beverages	3,570	-0.7	1,419	-4.1	12,912	3.3	4,628	-7.9	32,930	3.7	11,752	-6.8
Wood	415	-18.7	167	-11.6	1,256	12.5	534	-10.6	7,173	-15.0	3,187	-8.6
Paper & Allied	424	9.3	139	6.9	4,841	-5.6	1,712	-3.7	14,784	-6.0	4,981	-1.3
Printing, Publ. & Allied	474	4.2	205	-7.2	3,360	6.0	1,430	-5.2	6,779	4.9	2,888	-6.4
Primary Metals	617	-22.2	215	-29.5	7,071	-17.1	2,714	-19.7	12,402	-14.2	4,661	-16.6
Metal Fabricating	819	1.1	306	-7.0	6,410	-5.7	2,330	-14.1	11,766	-4.9	4,294	-13.8
Machinery	639	-7.8	228	-17.1	4,711	-11.9	2,019	-20.1	7,662	-11.8	3,214	-19.1
Transportation Equipment	138	-30.6	55	-34.5	17,707	12.2	8,993	4.7	22,657	4.5	11,838	11.7
Non-Metallic Mineral Products	675	-6.4	243	-22.2	1,906	-8.0	758	-17.6	4,385	-8.1	1,689	-18.2
Petroleum & Coal Products	3,346	11.1	815	4.6	7,804	8.4	1,614	8.4	21,709	6.1	4,570	4.0
Chemical & Chemical Products	1,451	-1.4	454	7.1	8,472	9.4	3,448	6.2	14,095	6.9	5,667	4.5
Other Manufacturing	710	-9.9	281	-17.8	17,489	-4.3	5,945	-27.7	38,370	-2.8	15,000	-13.3
TOTAL	13,278	-1.2	4,889	-7.7	93,939	-0.1	37,909	-7.6	187,933	-1.6	73,815	-6.8

Notes:

Constant dollar figures derived using constant (1971) gross domestic product figures found in Statistics Canada publication 61-202, System of National Accounts: Provincial Gross Domestic Product by Industry, 1981.

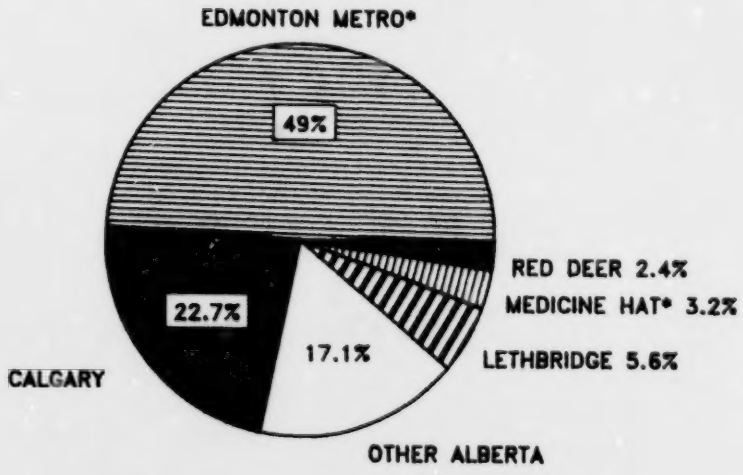
Value of shipments as per the annual Census of Manufactures. For Alberta as published in Alberta Principal Manufacturing Statistics, Alberta Bureau of Statistics, 1981. For Ontario and Canada as published in Manufacturing Industries of Canada: National and Provincial Areas, Statistics Canada, Catalogue No. 31-203, 1982.

Other manufacturing as per Table I.

Alberta's decreased manufacturing output was partly due to the decreases experienced by its two largest municipalities. Table IV shows the distribution of the value of manufacturing shipments from 1977 to 1982 for five major Alberta cities.

From 1977 to 1982, the share of the province's total value of shipments originating from the five major centres was relatively unchanged overall, moving only slightly from 84.3% to 83.0%. All increased their total value of shipments in absolute terms until 1982, when Calgary and Edmonton (metro) shipments decreased somewhat. The distribution of shipments amongst the five cities changed only slightly over the five-year period. Edmonton (metro) experienced an increase in manufacturing activity from 45.9% of total value of shipments in 1977 to 49.0% in 1982. Over the same period, Calgary experienced a decline from 25.7% of value of shipments to 22.7%. Graph 2 illustrates the percent distribution of value of shipments in 1982 for the five major Alberta cities.

GRAPH 2
PERCENT DISTRIBUTION OF
VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE
FOR MAJOR CITIES: ALBERTA, 1982



*see notes to table IV

TABLE IV
VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE FOR
MAJOR CITIES: ALBERTA, 1977-1982

CITY	1977 Value of Shipments	1977 Share of Total	1978 Value of Shipments	1978 Share of Total	1979 Value of Shipments	1979 Share of Total	1980 Value of Shipments	1980 Share of Total	1981 Value of Shipments	1981 Share of Total	1982 Value of Shipments	1982 Share of Total
	$ millions	%	$ millions	%	$ millions	%	$ millions	%	$ millions	%	$ millions	%
Calgary	1,551	25.7	1,978	26.6	2,214	24.8	2,591	24.6	3,157	23.5	3,017	22.7
Edmonton (Metro)[1]	2,764	45.9	3,377	45.5	4,084	45.7	4,871	46.3	6,535	48.6	6,511	49.0
Lethbridge	418	6.9	481	6.5	630	7.0	642	6.1	713	5.3	750	5.6
Medicine Hat[2]	179	3.0	277	3.7	300	3.4	337	3.2	394	2.9	425	3.2
Red Deer	171	2.8	190	2.6	234	2.6	271	2.6	318	2.4	323	2.4
TOTAL	5,083	84.3	6,303	84.8	7,461	83.5	8,712	82.8	11,117	82.7	11,026	83.0
ALBERTA TOTAL	6,026	100.0	7,429	100.0	8,940	100.0	10,521	100.0	13,437	100.0	13,278	100.0

[1] Includes the following municipalities: Edmonton Proper, Fort Saskatchewan, St. Albert, Gibbons, Morinville, Bon Accord, Legal, Strathcona Co. #20, Sturgeon M.D. #99, Alex Reserve #134, and Redwater.

[2] Includes Redcliff.

Annual growth rates experienced by the five major cities from 1977 through 1982 are shown in Table V. The 1% decline from 1981 to 1982 experienced by cities as a group was equal to that experienced by the province as a whole, not surprising given that manufacturing was concentrated in these centres. Medicine Hat experienced the highest rate of growth of the cities from 1981 to 1982, increasing 8%. Calgary had the lowest growth rate during the period, declining 4%.

TABLE V
GROWTH RATE OF VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE FOR MAJOR CITIES: ALBERTA, 1977-1982

CITY	Percent Change					
	1977-78	1978-79	1979-80	1980-81	1981-82	1977-82
Calgary	28	12	17	22	-4	95
Edmonton (Metro)[1]	22	20	19	34	0	135
Lethbridge	15	31	2	11	5	79
Medicine Hat[2]	54	8	12	17	8	137
Red Deer	12	23	16	17	1	89
TOTAL	24	18	17	28	-1	117
ALBERTA TOTAL	23	20	18	28	-1	120

[1] See note to Table IV.
[2] Includes Redcliff.

From 1977 to 1982, the five cities combined more than doubled their growth in value of shipments. Taken as a group, cities experienced increased growth rates from 1980 to 1981, in contrast with the declining growth rates the group experienced the previous three periods. Medicine Hat, after registering the highest growth surge of the period, 54% in 1978, experienced reduced growth in the subsequent three years. However, the growth surge of Edmonton (metro), 34% in 1981, was more significant in dollar terms given that city's large manufacturing base. All five cities experienced reduced growth from 1981 to 1982, with Edmonton having no growth and Calgary actually declining.

Despite the lack of growth between 1981 and 1982, two cities more than doubled their value of shipments since 1977. Medicine Hat had the most growth at 137%, and Edmonton (metro) grew 135%. Calgary almost doubled its value of shipments, growing 95% over the period.

Table VI depicts the manufacturing sector's contribution to Alberta's gross domestic product (GDP) from 1977 to 1982. Alberta's GDP at factor cost was $49.4 billion in 1982, with the manufacturing sector accounting for 6.6% (Alberta Bureau of Statistics, Alberta Gross Domestic Product, 1984 Preliminary Estimates, September, 1985). The manufacturing sector ranked seventh in terms of contribution to provincial GDP, while mining, which in Alberta is comprised mostly of petroleum and natural gas, ranked first, contributing $11.5 billion, 23.4% of provincial GDP.

TABLE VI
CONTRIBUTION OF MANUFACTURING INDUSTRY
TO GROSS DOMESTIC PRODUCT (GDP):
ALBERTA, 1977-1982

Year	GDP ($ Millions)	Manufacturing ($ Millions)	Manufacturing as % of GDP
1977	22,735	1,665	7.3
1978	26,781	1,983	7.4
1979	32,773	2,465	7.5
1980	39,075	2,860	7.3
1981	44,213	3,558	8.0
1982	49,445	3,264	6.6

Note: GDP is measured at factor cost. Manufacturing activity is as measured in the Economic Accounts, approximating value added, rather than as measured by the larger value of shipments.

Source: Alberta Bureau of Statistics, Alberta Gross Domestic Product 1984 Preliminary Estimates, September, 1985.

Manufacturing's 6.6% share in 1982 was lower than in previous years, falling below 7.0% for the first time since 1977, and representing a significant drop from a contribution of 8.0% in 1981. From 1977 to 1981, as measured by the economic accounts, the manufacturing sector grew by 114%, from $1.7 billion to $3.3 billion, which exceeded the provincial growth in

GDP of 95% over the same period and represented the second highest growth rate among industries during the time. When the 1982 decline in the manufacturing sector is included, a more moderate growth rate since 1977 of 96% is demonstrated, compared to a GDP growth of 117%.

Table VII depicts employment in manufacturing in Alberta. Manufacturing experienced a drop of 6,655 in employment from 1981 to 1982 after showing steady growth from 1977 to 1981. The proportion of manufacturing employment to total employment declined to 7.0% from a fairly steady five-year average of 7.7%.

TABLE VII
CONTRIBUTION OF MANUFACTURING EMPLOYMENT
TO TOTAL EMPLOYMENT: ALBERTA, 1977-1982

Year	Total Employment*	Manufacturing Employment	Manufacturing Employment as % of Total Employment
1977	880,000	68,000	7.7
1978	937,000	74,000	7.9
1979	1,007,000	77,345	7.7
1980	1,078,000	81,206	7.5
1981	1,152,000	86,356	7.5
1982	1,132,000	79,701	7.0

* Total employment figures source: Statistics Canada, Historical Labour Force Statistics, Catalogue No. 71-201, 1984. Manufacturing employment figures source: Alberta Bureau of Statistics, Alberta Principal Manufacturing Statistics, 1982.

The foregoing presented highlights of data related to manufacturing in Alberta in 1982 and for the previous five years. Further analyses at the sub-provincial level can be pursued using the tables provided in the next section.

SECTION B

Principal Manufacturing Statistics
by Industry and Geographic Level

TABLE 1
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**2,490**	**62,929**	**16,772**	**79,701**	**1,925,283**	**428,025**	**9,058,291**	**3,801,812**	**13,278,317**
FOOD AND BEVERAGE INDUSTRIES		**366**	**12,495**	**3,793**	**16,288**	**372,471**	**48,419**	**2,815,662**	**712,135**	**3,570,484**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	69	4,839	1,578	6,417	150,064	12,152	1,705,087	232,770	1,947,086
1011	SLAUGHTERING & MEAT PROCESSORS	63	4,498	993	5,491	131,567	10,869	1,624,769	202,009	1,835,720
1012	POULTRY PROCESSORS	6	341	585	926	18,498	1,283	80,317	30,761	111,367
103	FRUIT & VEGETABLE PROCESSING INDS.	7	*	*	*	*	*	*	*	*
1031	FRUIT & VEG. CANNERS & PRESERVERS	5	145	74	219	3,926	690	16,701	6,865	22,560
1032	FROZEN FRUIT & VEGETABLE PROCESSORS	2	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	30	1,763	369	2,132	51,718	6,076	302,696	73,155	380,762
105	FLOUR & BREAKFAST CEREAL PRODUCTS	5	370	69	439	9,841	1,087	83,448	15,446	100,256
106	FEED INDUSTRY	67	792	109	901	18,585	4,949	202,709	41,055	248,895
107	BAKERY PRODUCTS INDUSTRIES	127	*	*	*	*	*	*	*	*
1071	BISCUIT MFRS.	1	*	*	*	*	*	*	*	*
1072	BAKERIES	126	1,136	630	1,766	36,654	3,076	38,867	67,987	109,914
108	MISCELLANEOUS FOOD INDUSTRIES	36	*	*	*	*	*	*	*	*
1081	CONFECTIONERY MFRS.	2	*	*	*	*	*	*	*	*
1082	CANE & BEET SUGAR PROCESSORS	1	*	*	*	*	*	*	*	*
1083	VEGETABLE OIL MILLS	5	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	28	682	383	1,065	21,180	3,342	87,019	62,080	153,732
109	BEVERAGE INDUSTRIES	25	1,897	358	2,255	54,627	8,086	125,383	166,806	295,472
1091	SOFT DRINK MFRS.	14	896	219	1,115	23,807	2,036	62,446	52,920	118,097
1092	DISTILLERIES	3	*	*	*	*	*	*	*	*
1093	BREWERIES	5	756	60	816	22,865	2,488	35,245	79,906	116,103
1094	WINERIES	3	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**63**	**1,175**	**357**	**1,532**	**32,129**	**3,537**	**73,437**	**60,597**	**139,097**
162	RUBBER PRODUCTS INDUSTRIES	4	285	51	336	8,166	466	10,334	8,439	19,432
1623	TIRE & TUBE MFRS.	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	59	890	306	1,196	23,963	3,071	63,103	52,158	119,665
LEATHER INDUSTRIES		**13**	*	*	*	*	*	*	*	*
172	LEATHER TANNERIES	2	*	*	*	*	*	*	*	*
174	SHOE FACTORIES	1	*	*	*	*	*	*	*	*
175	LEATHER GLOVE FACTORIES	1	*	*	*	*	*	*	*	*

TABLE 1 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
179	LUGGAGE, HANDBAG, ETC. MFRS.	9	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	9	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**47**	**433**	**510**	**943**	**17,834**	**2,519**	**57,950**	**44,188**	**103,587**
183	MAN-MADE FIBRE, YARN & CLOTH MILLS	1	*	*	*	*	*	*	*	*
1831	FIBRE & FILAMENT YARN MFRS.	1	*	*	*	*	*	*	*	*
184	CORDAGE & TWINE INDUSTRY	1	*	*	*	*	*	*	*	*
186	CARPET, MAT & RUG INDUSTRY	1	*	*	*	*	*	*	*	*
187	CANVAS PRODUCTS, COTTON & JUTE BAGS	9	*	*	*	*	*	*	*	*
1871	COTTON & JUTE BAGS MFRS.	1	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	8	58	126	184	3,376	126	5,042	5,547	10,886
188	AUTOMOBILE FABRIC ACCESSORIES IND.	1	*	*	*	*	*	*	*	*
189	MISCELLANEOUS TEXTILE INDUSTRIES	34	*	*	*	*	*	*	*	*
1893	EMBROIDERY, PLEATING & HEMSTITCHING	4	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	4	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	26	70	198	268	3,866	192	9,918	6,732	16,630
KNITTING MILLS		**2**	*	*	*	*	*	*	*	*
239	KNITTING MILLS (EXCEPT HOSIERY MILLS)	2	*	*	*	*	*	*	*	*
2392	OTHER KNITTING MILLS	2	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES		**29**	**319**	**1,386**	**1,705**	**29,338**	**724**	**29,938**	**40,048**	**74,766**
243	MEN'S CLOTHING INDUSTRIES	20	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	19	261	1,110	1,371	24,880	620	25,681	32,666	63,251
2432	MEN'S CLOTHING CONTRACTORS	1	*	*	*	*	*	*	*	*
244	WOMEN'S CLOTHING INDUSTRIES	5	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	5	*	*	*	*	*	*	*	*
246	FUR GOODS INDUSTRY	1	*	*	*	*	*	*	*	*
249	MISCELLANEOUS CLOTHING INDUSTRIES	3	*	*	*	*	*	*	*	*
2492	HAT & CAP INDUSTRY	2	*	*	*	*	*	*	*	*
2499	MISC. CLOTHING INDS., N.E.S.	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**227**	**5,056**	**735**	**5,791**	**126,870**	**15,389**	**239,509**	**144,671**	**415,205**
251	SAWMILLS, PLANING & SHINGLE MILLS	44	1,811	192	2,003	47,862	8,820	93,712	35,771	146,192
2513	SAWMILLS & PLANING MILLS	44	1,811	192	2,003	47,862	8,820	93,712	35,771	146,192

TABLE 1 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
252	VENEER & PLYWOOD MILLS	5	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	143	2,474	403	2,877	59,705	2,685	102,034	83,962	194,550
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	65	789	120	909	18,626	1,078	31,184	29,226	61,214
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	19	1,056	161	1,217	25,661	975	54,501	29,712	90,986
2544	MFRS. OF WOODEN KITCHEN CABINETS	59	629	122	751	15,419	631	16,348	25,024	42,350
256	WOODEN BOX FACTORIES	7	*	*	*	*	*	*	*	*
258	COFFIN & CASKET INDUSTRY	3	26	8	34	528	22	939	968	1,931
259	MISCELLANEOUS WOOD INDUSTRIES	25	299	37	336	6,903	1,817	18,523	12,233	33,030
2591	WOOD PRESERVATION INDUSTRY	9	174	9	183	3,957	881	13,035	9,805	23,419
2592	WOOD HANDLES & TURNING INDUSTRY	1	*	*	*	*	*	*	*	*
2593	MFRS. OF PARTICLE BOARD	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	14	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**156**	**1,449**	**470**	**1,919**	**30,797**	**1,381**	**47,654**	**52,716**	**103,019**
261	HOUSEHOLD FURNITURE MFRS.	107	673	262	935	12,791	554	22,794	20,800	44,167
2611	FURNITURE RE-UPHOLSTERY & REPAIR	77	237	78	315	3,723	125	6,011	4,632	10,768
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	30	436	184	620	9,668	429	16,783	16,168	33,399
264	OFFICE FURNITURE MFRS	14	369	106	475	9,010	421	9,811	14,856	25,937
266	MISC. FURNITURE & FIXTURE MFRS.	35	407	102	509	8,996	386	15,048	17,060	32,915
PAPER & ALLIED INDUSTRIES		**39**	**2,067**	**444**	**2,511**	**69,116**	**18,053**	**213,142**	**199,100**	**423,881**
271	PULP & PAPER MILLS	5	1,165	126	1,291	43,279	14,885	118,370	130,681	257,275
272	ASPHALT ROOFING MFRS.	3	149	16	165	3,554	1,474	31,144	25,879	58,595
273	PAPER BOX & BAG MFRS.	21	*	*	*	*	*	*	*	*
2731	FOLDING CARTON & SET-UP BOX MFRS.	1	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	9	359	83	442	10,087	773	32,354	21,161	54,312
2733	PAPER & PLASTIC BAG MFRS.	11	276	177	453	8,984	709	24,338	15,309	40,260
274	MISCELLANEOUS PAPER CONVERTERS	10	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**384**	**4,960**	**3,069**	**8,029**	**175,517**	**4,625**	**156,050**	**312,881**	**473,510**
286	COMMERCIAL PRINTING	229	2,340	1,081	3,421	75,960	2,030	83,982	122,676	208,534
287	PLATEMAKING, TYPESETTING, ETC. IND.	34	220	196	416	8,361	242	5,008	12,995	18,346
288	PUBLISHING ONLY	51	207	266	473	7,826	11	8,061	12,642	20,721
289	PUBLISHING & PRINTING	70	2,193	1,526	3,719	83,370	2,342	58,998	164,567	225,908

TABLE 1 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
PRIMARY METAL INDUSTRIES		**25**	**3,641**	**276**	**3,917**	**111,595**	**27,587**	**383,741**	**230,065**	**617,282**
291	IRON & STEEL MILLS	4	*	*	*	*	*	*	*	*
292	STEEL PIPE & TUBE MILLS	6	1,062	32	1,094	30,578	2,247	163,657	70,620	226,215
294	IRON FOUNDRIES	5	421	18	439	9,602	1,202	13,307	19,264	30,481
295	SMELTING & REFINING	1	*	*	*	*	*	*	*	*
296	ALUMINUM ROLLING, CASTING & EXTRUDING	3	*	*	*	*	*	*	*	*
298	METAL ROLLING, CASTING, ETC., N.E.S.	6	31	7	38	792	249	2,352	1,153	3,912
METAL FABRICATING INDUSTRIES		**398**	**8,893**	**1,088**	**9,981**	**237,064**	**10,902**	**379,045**	**418,172**	**818,672**
301	BOILER & PLATE WORKS	19	960	73	1,033	26,116	1,313	53,502	46,784	97,534
302	FABRICATED STRUCTURAL METAL INDUSTRY	45	2,335	207	2,542	66,298	2,154	102,282	111,722	228,254
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	69	1,087	268	1,355	28,339	1,499	44,040	51,914	99,441
3031	METAL DOOR & WINDOW MFRS.	33	689	219	908	18,238	903	31,666	32,055	66,497
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	36	398	49	447	10,101	596	12,374	19,859	32,944
304	METAL STAMPING, PRESSING & COATING	72	1,562	194	1,756	39,293	2,663	89,662	77,260	171,190
3041	METAL COATING INDUSTRY	16	578	48	626	14,526	1,352	12,764	33,573	47,757
3042	METAL STAMPING & PRESSING INDUSTRY	56	984	146	1,130	24,767	1,311	76,898	43,687	123,433
305	WIRE & WIRE PRODUCTS MFRS.	12	*	*	*	*	*	*	*	*
3059	OTHER WIRE PRODUCTS INDUSTRY	12	227	37	264	5,988	319	10,445	5,997	16,727
306	HARDWARE, TOOL & CUTLERY MFRS.	23	*	*	*	*	*	*	*	*
307	HEATING EQUIPMENT MFRS.	5	279	36	315	6,542	218	11,035	15,103	26,667
308	MACHINE SHOPS	109	1,473	143	1,616	37,409	1,600	26,041	60,047	87,938
309	MISCELLANEOUS METAL FABRICATING INDS.	44	785	94	879	22,133	1,034	38,779	42,126	81,071
MACHINERY INDUSTRIES		**157**	**5,855**	**637**	**6,492**	**173,782**	**7,402**	**342,899**	**298,732**	**638,122**
311	AGRICULTURAL IMPLEMENT INDUSTRY	21	523	63	586	12,401	708	22,025	20,469	43,138
315	MISC. MACHINERY & EQUIPMENT MFRS.	134	*	*	*	*	*	*	*	*
316	COMMERCIAL REFRIG. & AIR COND. MFRS.	2	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES		**73**	**1,910**	**330**	**2,240**	**51,065**	**1,963**	**80,844**	**50,970**	**138,101**
321	AIRCRAFT & AIRCRAFT PARTS MFRS.	12	321	62	383	8,638	569	8,829	7,553	17,710
324	TRUCK BODY & TRAILER MFRS.	43	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	14	215	30	245	5,383	264	8,635	8,657	17,675
3242	NON-COMMERCIAL TRAILER MFRS.	22	518	136	654	13,593	422	41,464	17,622	61,545
3243	COMMERCIAL TRAILER MFRS.	7	*	*	*	*	*	*	*	*
325	MOTOR VEHICLE PARTS & ACCESS. MFRS.	8	175	14	189	4,863	368	5,505	7,788	13,481

TABLE 1 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
328	BOATBUILDING & REPAIR	5	32	4	36	737	53	967	997	1,951
329	MISCELLANEOUS VEHICLE MFRS.	5	*	*	*	*	*	*	*	*
	ELECTRICAL PRODUCTS INDUSTRIES	**49**	**1,423**	**924**	**2,347**	**52,762**	**1,168**	**97,067**	**75,140**	**162,257**
331	MFRS. OF SMALL ELECTRICAL APPLIANCES	3	*	*	*	*	*	*	*	*
333	MFRS. OF LIGHTING FIXTURES	2	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	20	477	599	1,076	24,138	293	60,955	42,550	92,432
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	15	481	196	677	15,884	389	21,627	17,694	39,502
338	MFRS. OF ELECTRIC WIRE & CABLE	5	135	47	182	4,334	328	10,891	11,512	22,901
339	MFRS. OF MISC. ELECTRICAL PRODUCTS	4	119	36	155	3,512	83	1,950	1,543	3,874
3391	BATTERY MFRS.	1	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	3	*	*	*	*	*	*	*	*
	NON-METALLIC MINERAL PRODUCTS INDS.	**152**	**4,738**	**684**	**5,422**	**147,030**	**47,197**	**278,522**	**347,779**	**674,989**
351	CLAY PRODUCTS MFRS.	11	231	44	275	6,843	1,570	4,674	8,345	14,196
3511	CLAY PRODUCTS MFRS. (DOMESTIC CLAY)	5	*	*	*	*	*	*	*	*
3512	CLAY PRODUCTS MFRS. (IMPORTED CLAY)	6	*	*	*	*	*	*	*	*
352	CEMENT MFRS.	3	*	*	*	*	*	*	*	*
353	STONE PRODUCTS MFRS.	4	31	4	35	585	50	611	980	1,641
354	CONCRETE PRODUCTS MFRS.	35	1,449	100	1,549	41,435	3,082	56,315	81,650	144,310
3541	CONCRETE PIPE MFRS.	6	334	25	359	9,554	951	12,643	20,179	33,358
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	12	835	39	874	24,142	1,313	30,433	47,752	82,095
3549	CONCRETE PRODUCTS MFRS. N.E.S.	17	280	36	316	7,739	818	13,239	13,720	28,857
355	READY-MIX CONCRETE MFRS.	78	1,350	114	1,464	39,122	9,193	123,372	75,888	209,245
356	GLASS & GLASS PRODUCTS MFRS.	6	*	*	*	*	*	*	*	*
3561	GLASS MFRS.	1	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	5	15	10	25	324	15	606	361	982
358	LIME MFRS.	2	*	*	*	*	*	*	*	*
359	MISC. NON-METALLIC MINERAL PRODUCTS	13	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	13	686	115	801	20,238	6,880	46,972	52,022	107,276
	PETROLEUM & COAL PRODUCTS INDUSTRIES	**16**	**1,905**	**460**	**2,365**	**82,859**	**44,944**	**3,048,374**	**251,681**	**3,345,951**
365	PETROLEUM REFINERIES	10	*	*	*	*	*	*	*	*
3651	PETROLEUM REFINING	7	1,744	426	2,170	78,171	43,632	3,001,549	240,353	3,287,834
3652	MFRS. OF LUBRICATING OILS & GREASES	3	*	*	*	*	*	*	*	*
369	MISC. PETROLEUM & COAL PRODUCTS INDS.	6	*	*	*	*	*	*	*	*

TABLE 1(CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES		**79**	**4,516**	**715**	**5,231**	**158,231**	**190,778**	**779,893**	**492,736**	**1,451,490**
372	MFRS. OF MIXED FERTILIZERS	5	38	6	44	880	196	8,387	2,775	11,388
373	MFRS. PLASTICS & SYNTHETIC RESINS	6	*	*	*	*	*	*	*	*
374	MFRS. PHARMACEUTICALS & MEDICINES	4	*	*	*	*	*	*	*	*
375	PAINT & VARNISH MFRS.	3	*	*	*	*	*	*	*	*
376	MFRS. OF SOAPS & CLEANING COMPOUNDS	9	96	30	126	2,645	213	6,405	8,141	14,473
378	MFRS. OF INDUSTRIAL CHEMICALS	20	3,305	449	3,754	119,528	181,991	626,806	404,904	1,202,543
3781	MFRS. OF PIGMENTS & DRY COLOURS	1	*	*	*	*	*	*	*	*
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	12	*	*	*	*	*	*	*	*
3783	INDUSTRIAL CHEMS. (ORGANIC) N.E.S.	7	1,151	183	1,334	42,866	82,363	378,330	202,559	664,656
379	MISCELLANEOUS CHEMICAL INDUSTRIES	32	*	*	*	*	*	*	*	*
3791	MFRS. OF PRINTING INKS	6	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	26	420	78	498	11,812	721	44,403	43,340	87,942
MISCELLANEOUS MANUFACTURING INDUSTRIES		**215**	**1,777**	**723**	**2,500**	**48,233**	**1,228**	**48,014**	**61,093**	**107,548**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	107	1,168	439	1,607	30,144	487	29,838	37,799	66,921
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	26	558	203	761	17,517	254	19,253	21,838	40,147
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	4	15	7	22	323	7	422	655	1,085
3914	OPHTHALMIC GOODS MFRS.	18	147	91	238	3,881	89	5,137	4,589	9,810
3915	DENTAL LABORATORIES	59	448	138	586	8,423	137	5,026	10,716	15,879
392	JEWELLERY & SILVERWARE INDUSTRY	16	45	60	105	1,768	86	1,414	2,711	4,139
393	SPORTING GOODS & TOY INDUSTRIES	9	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	8	65	10	75	1,372	43	2,599	1,383	4,459
3932	TOYS & GAMES MFRS.	1	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	57	322	119	441	10,083	459	6,963	13,213	20,647
399	MISCELLANEOUS MFG. INDUSTRIES, N.E.S.	26	*	*	*	*	*	*	*	*
3991	BROOM, BRUSH & MOP MFRS.	2	*	*	*	*	*	*	*	*
3994	SOUND RECORDING-MUSICAL INSTRUMENTS	1	*	*	*	*	*	*	*	*
3996	PEN & PENCIL MFRS.	1	*	*	*	*	*	*	*	*
3999	OTHER MISC. MANUFACTURING INDS.	22	127	51	178	2,546	140	4,736	5,223	10,172

TABLE 2
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, CALGARY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**777**	**18,439**	**5,127**	**23,566**	**555,304**	**55,309**	**1,886,528**	**1,082,167**	**3,017,381**
FOOD AND BEVERAGE INDUSTRIES		**82**	**3,675**	**1,198**	**4,873**	**114,032**	**13,856**	**934,284**	**255,235**	**1,199,822**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	14	1,547	512	2,059	48,264	4,370	685,907	85,693	776,746
1011	SLAUGHTERING & MEAT PROCESSORS	13	*	*	*	*	*	*	*	*
1012	POULTRY PROCESSORS	1	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	3	*	*	*	*	*	*	*	*
105	FLOUR & BREAKFAST CEREAL PRODUCTS	1	*	*	*	*	*	*	*	*
106	FEED INDUSTRY	8	107	16	123	2,668	393	26,778	5,796	33,027
107	BAKERY PRODUCTS INDUSTRIES	35	466	259	725	16,140	1,170	18,387	32,249	51,799
1072	BAKERIES	35	*	*	*	*	*	*	*	*
108	MISCELLANEOUS FOOD INDUSTRIES	11	262	144	406	8,537	2,444	56,178	36,375	95,051
1081	CONFECTIONERY MFRS.	1	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	10	668	157	825	20,667	3,736	56,094	75,185	130,860
109	BEVERAGE INDUSTRIES	5	*	*	*	*	*	*	*	*
1091	SOFT DRINK MFRS.	1	*	*	*	*	*	*	*	*
1092	DISTILLERIES	1	*	*	*	*	*	*	*	*
1093	BREWERIES	1	*	*	*	*	*	*	*	*
1094	WINERIES	3	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**24**	**387**	**133**	**500**	**9,898**	**1,057**	**30,110**	**22,894**	**54,010**
162	RUBBER PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	23	*	*	*	*	*	*	*	*
LEATHER INDUSTRIES		**3**	*	*	*	*	*	*	*	*
172	LEATHER TANNERIES	1	*	*	*	*	*	*	*	*
179	LUGGAGE, HANDBAG, ETC. MFRS.	2	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	2	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**18**	**189**	**249**	**418**	**7,178**	**832**	**31,852**	**15,811**	**48,707**
186	CARPET, MAT & RUG INDUSTRY	1	*	*	*	*	*	*	*	*
187	CANVAS PRODUCTS, COTTON & JUTE BAGS	5	*	*	*	*	*	*	*	*
1871	COTTON & JUTE BAGS MFRS.	1	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	4	18	54	72	1,212	19	1,385	1,994	3,465

TABLE 2 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, CALGARY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
188	AUTOMOBILE FABRIC ACCESSORIES IND.	1	*	*	*	*	*	*	*	*
189	MISCELLANEOUS TEXTILE INDUSTRIES	12	*	*	*	*	*	*	*	*
1893	EMBROIDERY, PLEATING & HEMSTITCHING	1	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	2	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	9	17	82	99	1,302	88	4,664	2,991	7,489
KNITTING MILLS		**1**	*	*	*	*	*	*	*	*
239	KNITTING MILLS (EXCEPT HOSIERY MILLS)	1	*	*	*	*	*	*	*	*
2392	OTHER KNITTING MILLS	1	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES		**11**	*	*	*	*	*	*	*	*
243	MEN'S CLOTHING INDUSTRIES	7	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	6	*	*	*	*	*	*	*	*
2432	MEN'S CLOTHING CONTRACTORS	1	*	*	*	*	*	*	*	*
244	WOMEN'S CLOTHING INDUSTRIES	2	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	2	*	*	*	*	*	*	*	*
246	FUR GOODS INDUSTRY	1	*	*	*	*	*	*	*	*
249	MISCELLANEOUS CLOTHING INDUSTRIES	1	*	*	*	*	*	*	*	*
2492	HAT & CAP INDUSTRY	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**45**	**1,004**	**209**	**1,213**	**28,725**	**1,081**	**41,768**	**43,531**	**89,437**
251	SAWMILLS, PLANING & SHINGLE MILLS	2	*	*	*	*	*	*	*	*
2513	SAWMILLS & PLANING MILLS	2	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	35	*	*	*	*	*	*	*	*
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	16	*	*	*	*	*	*	*	*
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	6	470	89	559	14,055	437	26,185	20,733	50,738
2544	MFRS. OF WOODEN KITCHEN CABINETS	13	*	*	*	*	*	*	*	*
256	WOODEN BOX FACTORIES	1	*	*	*	*	*	*	*	*
258	COFFIN & CASKET INDUSTRY	2	*	*	*	*	*	*	*	*
259	MISCELLANEOUS WOOD INDUSTRIES	5	16	12	28	438	26	588	656	1,239
2599	MISC. WOOD INDUSTRIES, N.E.S.	5	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**62**	**689**	**231**	**920**	**14,068**	**519**	**25,988**	**25,025**	**52,193**
261	HOUSEHOLD FURNITURE MFRS.	39	*	*	*	*	*	*	*	*
2611	FURNITURE RE-UPHOLSTERY & REPAIR	25	*	*	*	*	*	*	*	*

TABLE 2 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, CALGARY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	14	242	113	355	5,150	212	10,298	11,102	21,660
264	OFFICE FURNITURE MFRS	9	*	*	*	*	*	*	*	*
266	MISC. FURNITURE & FIXTURE MFRS.	14	*	*	*	*	*	*	*	*
PAPER & ALLIED INDUSTRIES		**20**	**547**	**191**	**738**	**15,715**	**2,982**	**58,968**	**41,187**	**102,924**
271	PULP & PAPER MILLS	1	*	*	*	*	*	*	*	*
272	ASPHALT ROOFING MFRS.	1	*	*	*	*	*	*	*	*
273	PAPER BOX & BAG MFRS.	12	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	4	187	40	227	5,256	375	17,922	12,060	30,368
2733	PAPER & PLASTIC BAG MFRS.	8	*	*	*	*	*	*	*	*
274	MISCELLANEOUS PAPER CONVERTERS	6	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**134**	**2,138**	**1,138**	**3,276**	**77,307**	**1,837**	**66,600**	**138,683**	**205,051**
286	COMMERCIAL PRINTING	96	1,163	494	1,657	39,156	901	38,604	61,857	101,173
287	PLATEMAKING, TYPESETTING, ETC. IND.	14	90	91	181	3,534	76	2,246	5,581	7,945
288	PUBLISHING ONLY	17	45	65	110	1,864	9	2,947	3,191	6,224
289	PUBLISHING & PRINTING	7	840	488	1,328	32,752	852	22,803	66,054	89,709
PRIMARY METAL INDUSTRIES		**12**	**985**	**56**	**1,041**	**30,161**	**4,659**	**91,026**	**57,180**	**147,005**
291	IRON & STEEL MILLS	2	*	*	*	*	*	*	*	*
292	STEEL PIPE & TUBE MILLS	2	*	*	*	*	*	*	*	*
294	IRON FOUNDRIES	2	*	*	*	*	*	*	*	*
296	ALUMINUM ROLLING, CASTING & EXTRUDING	2	*	*	*	*	*	*	*	*
298	METAL ROLLING, CASTING, ETC., N.E.S.	4	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES		**140**	**3,258**	**375**	**3,633**	**89,078**	**3,620**	**135,979**	**184,609**	**310,794**
301	BOILER & PLATE WORKS	8	411	33	444	12,042	459	21,031	21,513	43,247
302	FABRICATED STRUCTURAL METAL INDUSTRY	16	919	76	995	26,239	822	35,355	45,316	86,936
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	27	497	134	631	13,989	673	19,161	25,203	46,423
3031	METAL DOOR & WINDOW MFRS.	13	317	104	421	9,071	377	15,284	15,457	32,262
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	14	180	30	210	4,918	296	3,877	9,746	14,161
304	METAL STAMPING, PRESSING & COATING	25	420	59	479	10,977	573	25,438	24,224	49,714
3041	METAL COATING INDUSTRY	4	*	*	*	*	*	*	*	*
3042	METAL STAMPING & PRESSING INDUSTRY	21	*	*	*	*	*	*	*	*
305	WIRE & WIRE PRODUCTS MFRS.	4	*	*	*	*	*	*	*	*

TABLE 2 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, CALGARY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
3059	OTHER WIRE PRODUCTS INDUSTRY	4	*	*	*	*	*	*	*	*
306	HARDWARE, TOOL & CUTLERY MFRS.	11	*	*	*	*	*	*	*	*
307	HEATING EQUIPMENT MFRS.	2	*	*	*	*	*	*	*	*
308	MACHINE SHOPS	29	365	26	391	8,912	385	5,323	14,180	19,987
309	MISCELLANEOUS METAL FABRICATING INDS.	18	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES		**51**	**1,943**	**161**	**2,104**	**56,311**	**2,618**	**114,858**	**109,611**	**231,573**
311	AGRICULTURAL IMPLEMENT INDUSTRY	4	51	10	61	933	53	2,134	1,787	3,974
315	MISC. MACHINERY & EQUIPMENT MFRS.	46	*	*	*	*	*	*	*	*
316	COMMERCIAL REFRIG. & AIR COND. MFRS.	1	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES		**20**	**518**	**80**	**598**	**13,664**	**684**	**20,878**	**18,401**	**40,506**
321	AIRCRAFT & AIRCRAFT PARTS MFRS.	7	*	*	*	*	*	*	*	*
324	TRUCK BODY & TRAILER MFRS.	7	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	3	45	7	52	1,086	78	1,458	1,045	2,701
3242	NON-COMMERCIAL TRAILER MFRS.	4	*	*	*	*	*	*	*	*
325	MOTOR VEHICLE PARTS & ACCESS. MFRS.	4	127	13	140	3,915	326	4,368	6,498	10,994
329	MISCELLANEOUS VEHICLE MFRS.	2	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES		**21**	**347**	**380**	**727**	**17,242**	**364**	**53,133**	**35,689**	**83,118**
333	MFRS. OF LIGHTING FIXTURES	1	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	11	*	*	*	*	*	*	*	*
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	4	*	*	*	*	*	*	*	*
338	MFRS. OF ELECTRIC WIRE & CABLE	3	*	*	*	*	*	*	*	*
339	MFRS. OF MISC. ELECTRICAL PRODUCTS	2	*	*	*	*	*	*	*	*
3391	BATTERY MFRS.	1	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**29**	**1,248**	**61**	**1,307**	**34,905**	**5,703**	**83,165**	**73,642**	**165,584**
351	CLAY PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
3511	CLAY PRODUCTS MFRS. (DOMESTIC CLAY)	1	*	*	*	*	*	*	*	*
353	STONE PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
354	CONCRETE PRODUCTS MFRS.	15	*	*	*	*	*	*	*	*
3541	CONCRETE PIPE MFRS.	3	152	10	162	4,149	371	5,065	10,508	15,755
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	4	483	17	500	13,546	637	12,405	29,171	45,484

TABLE 2 (CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, CALGARY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
3549	CONCRETE PRODUCTS MFRS. N.E.S.	8	*	*	*	*	*	*	*	*
355	READY-MIX CONCRETE MFRS.	5	295	9	304	9,307	2,270	41,302	18,564	62,136
359	MISC. NON-METALLIC MINERAL PRODUCTS	7	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	7	*	*	*	*	*	*	*	*
PETROLEUM & COAL PRODUCTS INDUSTRIES		**4**	*	*	*	*	*	*	*	*
365	PETROLEUM REFINERIES	2	*	*	*	*	*	*	*	*
3651	PETROLEUM REFINING	1	*	*	*	*	*	*	*	*
3652	MFRS. OF LUBRICATING OILS & GREASES	1	*	*	*	*	*	*	*	*
369	MISC. PETROLEUM & COAL PRODUCTS INDS.	2	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES		**20**	**712**	**103**	**815**	**22,588**	**11,997**	**76,609**	**43,315**	**128,892**
372	MFRS. OF MIXED FERTILIZERS	1	*	*	*	*	*	*	*	*
373	MFRS. PLASTICS & SYNTHETIC RESINS	2	*	*	*	*	*	*	*	*
374	MFRS. PHARMACEUTICALS & MEDICINES	2	*	*	*	*	*	*	*	*
375	PAINT & VARNISH MFRS.	1	*	*	*	*	*	*	*	*
376	MFRS. OF SOAPS & CLEANING COMPOUNDS	1	*	*	*	*	*	*	*	*
378	MFRS. OF INDUSTRIAL CHEMICALS	2	*	*	*	*	*	*	*	*
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	2	*	*	*	*	*	*	*	*
379	MISCELLANEOUS CHEMICAL INDUSTRIES	11	*	*	*	*	*	*	*	*
3791	MFRS. OF PRINTING INKS	2	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	9	198	33	231	5,110	299	23,115	11,402	35,008
MISCELLANEOUS MANUFACTURING INDUSTRIES		**79**	**673**	**312**	**985**	**17,307**	**436**	**22,877**	**27,648**	**50,802**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	43	491	230	721	12,898	241	18,089	21,113	38,881
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	12	*	*	*	*	*	*	*	*
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	1	*	*	*	*	*	*	*	*
3914	OPHTHALMIC GOODS MFRS.	7	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	23	*	*	*	*	*	*	*	*
392	JEWELLERY & SILVERWARE INDUSTRY	4	*	*	*	*	*	*	*	*
393	SPORTING GOODS & TOY INDUSTRIES	1	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	1	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	19	71	34	105	2,232	96	1,705	3,009	4,808
399	MISCELLANEOUS MFG. INDUSTRIES, N.E.S.	12	*	*	*	*	*	*	*	*
3991	BROOM, BRUSH & MOP MFRS.	2	*	*	*	*	*	*	*	*
3996	PEN & PENCIL MFRS.	1	*	*	*	*	*	*	*	*
3999	OTHER MISC. MANUFACTURING INDS.	9	*	*	*	*	*	*	*	*

TABLE 3
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
EDMONTON (PROPER), ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**740**	**16,824**	**5,420**	**22,244**	**502,239**	**33,848**	**1,214,834**	**928,827**	**2,167,643**
FOOD AND BEVERAGE INDUSTRIES		**73**	**4,068**	**1,346**	**5,414**	**124,791**	**10,254**	**553,071**	**202,716**	**762,057**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	13	*	*	*	*	*	*	*	*
1011	SLAUGHTERING & MEAT PROCESSORS	11	*	*	*	*	*	*	*	*
1012	POULTRY PROCESSORS	2	*	*	*	*	*	*	*	*
103	FRUIT & VEGETABLE PROCESSING INDS.	3	*	*	*	*	*	*	*	*
1031	FRUIT & VEG. CANNERS & PRESERVERS	3	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	4	578	150	728	18,433	2,091	125,886	24,725	152,524
106	FEED INDUSTRY	5	*	*	*	*	*	*	*	*
107	BAKERY PRODUCTS INDUSTRIES	32	*	*	*	*	*	*	*	*
1071	BISCUIT MFRS.	1	*	*	*	*	*	*	*	*
1072	BAKERIES	31	475	215	690	14,725	1,366	13,527	26,592	41,478
108	MISCELLANEOUS FOOD INDUSTRIES	10	44	59	103	1,799	211	9,268	2,176	11,530
1081	CONFECTIONERY MFRS.	1	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	9	*	*	*	*	*	*	*	*
109	BEVERAGE INDUSTRIES	6	*	*	*	*	*	*	*	*
1091	SOFT DRINK MFRS.	4	*	*	*	*	*	*	*	*
1093	BREWERIES	2	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**21**	**380**	**124**	**504**	**10,493**	**1,446**	**18,024**	**20,590**	**40,001**
162	RUBBER PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	20	*	*	*	*	*	*	*	*
LEATHER INDUSTRIES		**5**	**139**	**54**	**193**	**3,148**	**152**	**5,669**	**4,977**	**10,523**
172	LEATHER TANNERIES	1	*	*	*	*	*	*	*	*
175	LEATHER GLOVE FACTORIES	1	*	*	*	*	*	*	*	*
179	LUGGAGE, HANDBAG, ETC. MFRS.	3	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**16**	*	*	*	*	*	*	*	*
184	CORDAGE & TWINE INDUSTRY	1	*	*	*	*	*	*	*	*
187	CANVAS PRODUCTS, COTTON & JUTE BAGS	2	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	2	*	*	*	*	*	*	*	*

TABLE 3 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
EDMONTON (PROPER), ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
189	MISCELLANEOUS TEXTILE INDUSTRIES	13	*	*	*	*	*	*	*	*
1893	EMBROIDERY, PLEATING & HEMSTITCHING	2	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	1	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	10	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES		**13**	**279**	**1,143**	**1,422**	**25,870**	**637**	**25,771**	**35,919**	**85,609**
243	MEN'S CLOTHING INDUSTRIES	9	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	9	*	*	*	*	*	*	*	*
244	WOMEN'S CLOTHING INDUSTRIES	3	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	3	*	*	*	*	*	*	*	*
249	MISCELLANEOUS CLOTHING INDUSTRIES	1	*	*	*	*	*	*	*	*
2492	HAT & CAP INDUSTRY	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**50**	**882**	**124**	**1,006**	**20,125**	**1,566**	**35,636**	**31,167**	**69,307**
251	SAWMILLS, PLANING & SHINGLE MILLS	1	*	*	*	*	*	*	*	*
2513	SAWMILLS & PLANING MILLS	1	*	*	*	*	*	*	*	*
252	VENEER & PLYWOOD MILLS	1	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	41	677	92	769	15,055	777	25,130	23,819	50,663
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	20	*	*	*	*	*	*	*	*
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	3	*	*	*	*	*	*	*	*
2544	MFRS. OF WOODEN KITCHEN CABINETS	18	*	*	*	*	*	*	*	*
256	WOODEN BOX FACTORIES	2	*	*	*	*	*	*	*	*
258	COFFIN & CASKET INDUSTRY	1	*	*	*	*	*	*	*	*
259	MISCELLANEOUS WOOD INDUSTRIES	4	*	*	*	*	*	*	*	*
2591	WOOD PRESERVATION INDUSTRY	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	3	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**52**	**575**	**191**	**766**	**13,383**	**723**	**17,098**	**24,222**	**42,793**
261	HOUSEHOLD FURNITURE MFRS.	33	*	*	*	*	*	*	*	*
2611	FURNITURE RE-UPHOLSTERY & REPAIR	25	47	19	66	765	28	1,272	995	2,295
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	8	*	*	*	*	*	*	*	*
264	OFFICE FURNITURE MFRS	4	241	84	325	5,991	359	6,701	11,498	19,396
266	MISC. FURNITURE & FIXTURE MFRS.	15	*	*	*	*	*	*	*	*

TABLE 3 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, EDMONTON (PROPER), ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
PAPER & ALLIED INDUSTRIES		**10**	*	*	*	*	*	*	*	*
273	PAPER BOX & BAG MFRS.	6	*	*	*	*	*	*	*	*
2731	FOLDING CARTON & SET-UP BOX MFRS.	1	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	3	*	*	*	*	*	*	*	*
2733	PAPER & PLASTIC BAG MFRS.	2	*	*	*	*	*	*	*	*
274	MISCELLANEOUS PAPER CONVERTERS	4	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**122**	**1,713**	**1,075**	**2,788**	**62,892**	**1,825**	**62,861**	**122,733**	**187,424**
286	COMMERCIAL PRINTING	80	841	410	1,251	26,220	812	33,937	46,735	81,503
287	PLATEMAKING, TYPESETTING, ETC. IND.	20	119	100	219	4,470	166	2,762	7,414	10,401
288	PUBLISHING ONLY	14	*	*	*	*	*	*	*	*
289	PUBLISHING & PRINTING	8	*	*	*	*	*	*	*	*
PRIMARY METAL INDUSTRIES		**5**	*	*	*	*	*	*	*	*
291	IRON & STEEL MILLS	1	*	*	*	*	*	*	*	*
292	STEEL PIPE & TUBE MILLS	1	*	*	*	*	*	*	*	*
294	IRON FOUNDRIES	2	*	*	*	*	*	*	*	*
298	METAL ROLLING, CASTING, ETC., N.E.S.	1	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES		**151**	**3,269**	**402**	**3,671**	**81,438**	**4,670**	**131,311**	**160,852**	**300,387**
301	BOILER & PLATE WORKS	3	*	*	*	*	*	*	*	*
302	FABRICATED STRUCTURAL METAL INDUSTRY	15	648	44	692	16,078	657	29,037	32,790	64,894
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	25	*	*	*	*	*	*	*	*
3031	METAL DOOR & WINDOW MFRS.	14	*	*	*	*	*	*	*	*
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	11	*	*	*	*	*	*	*	*
304	METAL STAMPING, PRESSING & COATING	32	*	*	*	*	*	*	*	*
3041	METAL COATING INDUSTRY	11	*	*	*	*	*	*	*	*
3042	METAL STAMPING & PRESSING INDUSTRY	21	*	*	*	*	*	*	*	*
305	WIRE & WIRE PRODUCTS MFRS.	5	*	*	*	*	*	*	*	*
3059	OTHER WIRE PRODUCTS INDUSTRY	5	*	*	*	*	*	*	*	*
306	HARDWARE, TOOL & CUTLERY MFRS.	6	*	*	*	*	*	*	*	*
307	HEATING EQUIPMENT MFRS.	2	*	*	*	*	*	*	*	*
308	MACHINE SHOPS	45	*	*	*	*	*	*	*	*
309	MISCELLANEOUS METAL FABRICATING INDS.	18	*	*	*	*	*	*	*	*

TABLE 3 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
EDMONTON (PROPER), ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
	MACHINERY INDUSTRIES	**58**	**2,313**	**199**	**2,512**	**71,704**	**3,282**	**166,205**	**136,075**	**293,961**
311	AGRICULTURAL IMPLEMENT INDUSTRY	1	*	*	*	*	*	*	*	*
315	MISC. MACHINERY & EQUIPMENT MFRS.	56	*	*	*	*	*	*	*	*
316	COMMERCIAL REFRIG. & AIR COND. MFRS.	1	*	*	*	*	*	*	*	*
	TRANSPORTATION EQUIPMENT INDUSTRIES	**19**	**277**	**42**	**319**	**7,132**	**595**	**11,847**	**8,768**	**20,481**
321	AIRCRAFT & AIRCRAFT PARTS MFRS.	2	*	*	*	*	*	*	*	*
324	TRUCK BODY & TRAILER MFRS.	11	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	5	*	*	*	*	*	*	*	*
3242	NON-COMMERCIAL TRAILER MFRS.	4	*	*	*	*	*	*	*	*
3243	COMMERCIAL TRAILER MFRS.	2	*	*	*	*	*	*	*	*
325	MOTOR VEHICLE PARTS & ACCESS. MFRS.	4	36	*	36	711	42	1,137	1,291	2,487
329	MISCELLANEOUS VEHICLE MFRS.	2	*	*	*	*	*	*	*	*
	ELECTRICAL PRODUCTS INDUSTRIES	**15**	*	*	*	*	*	*	*	*
331	MFRS. OF SMALL ELECTRICAL APPLIANCES	1	*	*	*	*	*	*	*	*
333	MFRS. OF LIGHTING FIXTURES	1	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	5	*	*	*	*	*	*	*	*
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	5	*	*	*	*	*	*	*	*
338	MFRS. OF ELECTRIC WIRE & CABLE	1	*	*	*	*	*	*	*	*
339	MFRS. OF MISC. ELECTRICAL PRODUCTS	2	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	2	*	*	*	*	*	*	*	*
	NON-METALLIC MINERAL PRODUCTS INDS.	**24**	**1,073**	**91**	**1,164**	**31,481**	**4,672**	**66,050**	**64,538**	**135,338**
353	STONE PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
354	CONCRETE PRODUCTS MFRS.	10	467	26	493	13,980	1,217	25,700	30,841	57,180
3541	CONCRETE PIPE MFRS.	1	*	*	*	*	*	*	*	*
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	5	*	*	*	*	*	*	*	*
3549	CONCRETE PRODUCTS MFRS. N.E.S.	4	*	*	*	*	*	*	*	*
355	READY-MIX CONCRETE MFRS.	7	*	*	*	*	*	*	*	*
356	GLASS & GLASS PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
359	MISC. NON-METALLIC MINERAL PRODUCTS	3	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	3	*	*	*	*	*	*	*	*

TABLE 3 (CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, EDMONTON (PROPER), ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
PETROLEUM & COAL PRODUCTS INDUSTRIES		**1**	*	*	*	*	*	*	*	*
365	PETROLEUM REFINERIES	1	*	*	*	*	*	*	*	*
3652	MFRS. OF LUBRICATING OILS & GREASES	1	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES		**17**	*	*	*	*	*	*	*	*
375	PAINT & VARNISH MFRS.	2	*	*	*	*	*	*	*	*
376	MFRS. OF SOAPS & CLEANING COMPOUNDS	5	*	*	*	*	*	*	*	*
378	MFRS. OF INDUSTRIAL CHEMICALS	1	*	*	*	*	*	*	*	*
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	1	*	*	*	*	*	*	*	*
379	MISCELLANEOUS CHEMICAL INDUSTRIES	9	*	*	*	*	*	*	*	*
3791	MFRS. OF PRINTING INKS	4	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	5	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES		**88**	**606**	**244**	**850**	**15,612**	**553**	**18,320**	**27,385**	**45,620**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	44	*	*	*	*	*	*	*	*
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	11	*	*	*	*	*	*	*	*
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	3	*	*	*	*	*	*	*	*
3914	OPHTHALMIC GOODS MFRS.	8	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	22	*	*	*	*	*	*	*	*
392	JEWELLERY & SILVERWARE INDUSTRY	10	*	*	*	*	*	*	*	*
393	SPORTING GOODS & TOY INDUSTRIES	1	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	1	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	23	171	55	226	5,304	261	4,025	7,961	12,258
399	MISCELLANEOUS MFG. INDUSTRIES, N.E.S.	10	51	22	73	1,306	49	3,305	2,868	6,294
3994	SOUND RECORDING-MUSICAL INSTRUMENTS	1	*	*	*	*	*	*	*	*
3999	OTHER MISC. MANUFACTURING INDS.	9	*	*	*	*	*	*	*	*

TABLE 4
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
EDMONTON (METRO), ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**868**	**24,206**	**6,391**	**30,597**	**753,345**	**177,018**	**4,681,597**	**1,615,027**	**6,511,030**
FOOD AND BEVERAGE INDUSTRIES		**87**	**4,358**	**1,411**	**5,769**	**132,984**	**12,789**	**624,283**	**221,900**	**856,544**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	14	2,163	794	2,957	68,908	5,335	350,978	98,380	452,052
1011	SLAUGHTERING & MEAT PROCESSORS	12	*	*	*	*	*	*	*	*
1012	POULTRY PROCESSORS	2	*	*	*	*	*	*	*	*
103	FRUIT & VEGETABLE PROCESSING INDS.	3	*	*	*	*	*	*	*	*
1031	FRUIT & VEG. CANNERS & PRESERVERS	3	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	4	578	150	728	18,433	2,091	125,886	24,725	152,524
106	FEED INDUSTRY	9	157	22	179	3,928	743	31,450	6,725	38,939
107	BAKERY PRODUCTS INDUSTRIES	38	*	*	*	*	*	*	*	*
1071	BISCUIT MFRS.	1	*	*	*	*	*	*	*	*
1072	BAKERIES	37	492	238	730	15,388	1,410	14,290	27,548	43,241
108	MISCELLANEOUS FOOD INDUSTRIES	12	*	*	*	*	*	*	*	*
1081	CONFECTIONERY MFRS.	1	*	*	*	*	*	*	*	*
1083	VEGETABLE OIL MILLS	1	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	10	*	*	*	*	*	*	*	*
109	BEVERAGE INDUSTRIES	7	796	90	886	20,581	2,107	46,116	58,449	106,392
1091	SOFT DRINK MFRS.	5	*	*	*	*	*	*	*	*
1093	BREWERIES	2	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**28**	**520**	**152**	**672**	**14,185**	**1,936**	**32,798**	**29,443**	**65,719**
162	RUBBER PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	27	*	*	*	*	*	*	*	*
LEATHER INDUSTRIES		**5**	**139**	**54**	**193**	**3,148**	**152**	**5,669**	**4,977**	**10,523**
172	LEATHER TANNERIES	1	*	*	*	*	*	*	*	*
175	LEATHER GLOVE FACTORIES	1	*	*	*	*	*	*	*	*
179	LUGGAGE, HANDBAG, ETC. MFRS.	3	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**18**	**204**	**176**	**380**	**7,887**	**1,808**	**22,275**	**25,408**	**49,852**
183	MAN-MADE FIBRE, YARN & CLOTH MILLS	1	*	*	*	*	*	*	*	*
1831	FIBRE & FILAMENT YARN MFRS.	1	*	*	*	*	*	*	*	*

TABLE 4 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
EDMONTON (METRO), ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES				COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL	SALARIES & WAGES				
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
184	CORDAGE & TWINE INDUSTRY	1	*	*	*	*	*	*	*	*
187	CANVAS PRODUCTS, COTTON & JUTE BAGS	2	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	2	*	*	*	*	*	*	*	*
189	MISCELLANEOUS TEXTILE INDUSTRIES	14	*	*	*	*	*	*	*	*
1893	EMBROIDERY, PLEATING & HEMSTITCHING	3	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	1	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	10	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES		**13**	**279**	**1,143**	**1,422**	**25,670**	**637**	**25,771**	**35,919**	**65,809**
243	MEN'S CLOTHING INDUSTRIES	9	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	9	*	*	*	*	*	*	*	*
244	WOMEN'S CLOTHING INDUSTRIES	3	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	3	*	*	*	*	*	*	*	*
249	MISCELLANEOUS CLOTHING INDUSTRIES	1	*	*	*	*	*	*	*	*
2492	HAT & CAP INDUSTRY	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**58**	**926**	**125**	**1,051**	**21,035**	**1,604**	**36,857**	**33,135**	**72,507**
251	SAWMILLS, PLANING & SHINGLE MILLS	1	*	*	*	*	*	*	*	*
2513	SAWMILLS & PLANING MILLS	1	*	*	*	*	*	*	*	*
252	VENEER & PLYWOOD MILLS	1	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	48	719	93	812	15,927	813	26,274	25,750	53,746
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	23	336	48	384	8,075	363	12,929	13,868	27,317
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	3	112	11	123	2,225	141	4,598	3,356	8,709
2544	MFRS. OF WOODEN KITCHEN CABINETS	22	271	34	305	5,627	309	8,747	8,526	17,721
256	WOODEN BOX FACTORIES	3	*	*	*	*	*	*	*	*
258	COFFIN & CASKET INDUSTRY	1	*	*	*	*	*	*	*	*
259	MISCELLANEOUS WOOD INDUSTRIES	4	*	*	*	*	*	*	*	*
2591	WOOD PRESERVATION INDUSTRY	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	3	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**57**	**585**	**192**	**777**	**13,547**	**738**	**17,420**	**24,414**	**43,320**
261	HOUSEHOLD FURNITURE MFRS.	35	148	69	217	3,026	179	5,145	4,396	9,814
2611	FURNITURE RE-UPHOLSTERY & REPAIR	25	47	19	66	765	28	1,272	995	2,295
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	10	101	50	151	2,261	151	3,873	3,401	7,519
264	OFFICE FURNITURE MFRS	4	241	84	325	5,991	359	6,701	11,498	19,396
266	MISC. FURNITURE & FIXTURE MFRS.	16	196	39	235	4,530	199	5,574	8,520	14,109

TABLE 4 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
EDMONTON (METRO), ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
PAPER & ALLIED INDUSTRIES		**13**	**404**	**123**	**527**	**11,407**	**2,344**	**36,442**	**27,170**	**65,784**
271	PULP & PAPER MILLS	1	*	*	*	*	*	*	*	*
272	ASPHALT ROOFING MFRS.	1	*	*	*	*	*	*	*	*
273	PAPER BOX & BAG MFRS.	7	*	*	*	*	*	*	*	*
2731	FOLDING CARTON & SET-UP BOX MFRS.	1	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	4	*	*	*	*	*	*	*	*
2733	PAPER & PLASTIC BAG MFRS.	2	*	*	*	*	*	*	*	*
274	MISCELLANEOUS PAPER CONVERTERS	4	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**131**	**1,760**	**1,123**	**2,883**	**64,357**	**1,861**	**64,019**	**124,941**	**190,828**
286	COMMERCIAL PRINTING	87	866	420	1,286	26,781	841	34,725	47,492	83,077
287	PLATEMAKING, TYPESETTING, ETC. IND.	20	119	100	219	4,470	166	2,762	7,414	10,401
288	PUBLISHING ONLY	15	*	*	*	*	*	*	*	*
289	PUBLISHING & PRINTING	9	*	*	*	*	*	*	*	*
PRIMARY METAL INDUSTRIES		**7**	**2,238**	**187**	**2,423**	**69,844**	**21,647**	**216,333**	**156,823**	**401,265**
291	IRON & STEEL MILLS	2	*	*	*	*	*	*	*	*
292	STEEL PIPE & TUBE MILLS	1	*	*	*	*	*	*	*	*
294	IRON FOUNDRIES	2	*	*	*	*	*	*	*	*
295	SMELTING & REFINING	1	*	*	*	*	*	*	*	*
298	METAL ROLLING, CASTING, ETC., N.E.S.	1	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES		**170**	**4,037**	**485**	**4,522**	**108,038**	**5,365**	**173,377**	**193,420**	**375,870**
301	BOILER & PLATE WORKS	4	178	11	189	5,004	65	7,789	8,256	11,694
302	FABRICATED STRUCTURAL METAL INDUSTRY	19	1,178	105	1,283	33,394	1,111	50,917	51,946	110,609
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	27	394	94	488	9,584	700	19,635	21,517	42,588
3031	METAL DOOR & WINDOW MFRS.	15	287	85	372	6,914	501	14,757	15,459	31,447
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	12	107	9	116	2,670	199	4,878	6,059	11,142
304	METAL STAMPING, PRESSING & COATING	35	894	101	995	21,958	1,786	46,089	43,178	92,834
3041	METAL COATING INDUSTRY	11	*	*	*	*	*	*	*	*
3042	METAL STAMPING & PRESSING INDUSTRY	24	*	*	*	*	*	*	*	*
305	WIRE & WIRE PRODUCTS MFRS.	5	*	*	*	*	*	*	*	*
3059	OTHER WIRE PRODUCTS INDUSTRY	5	*	*	*	*	*	*	*	*
306	HARDWARE, TOOL & CUTLERY MFRS.	7	*	*	*	*	*	*	*	*
307	HEATING EQUIPMENT MFRS.	2	*	*	*	*	*	*	*	*
308	MACHINE SHOPS	49	887	85	972	22,826	982	17,451	37,983	56,581
309	MISCELLANEOUS METAL FABRICATING INDS.	22	294	45	339	8,355	466	21,937	20,966	41,843

TABLE 4 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, EDMONTON (METRO), ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
MACHINERY INDUSTRIES		**65**	**2,427**	**215**	**2,642**	**75,515**	**3,450**	**176,102**	**140,835**	**308,417**
311	AGRICULTURAL IMPLEMENT INDUSTRY	1	*	*	*	*	*	*	*	*
315	MISC. MACHINERY & EQUIPMENT MFRS.	63	*	*	*	*	*	*	*	*
316	COMMERCIAL REFRIG. & AIR COND. MFRS.	1	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES		**24**	**382**	**52**	**434**	**9,705**	**777**	**14,849**	**11,844**	**28,952**
321	AIRCRAFT & AIRCRAFT PARTS MFRS.	3	*	*	*	*	*	*	*	*
324	TRUCK BODY & TRAILER MFRS.	14	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	7	*	*	*	*	*	*	*	*
3242	NON-COMMERCIAL TRAILER MFRS.	4	*	*	*	*	*	*	*	*
3243	COMMERCIAL TRAILER MFRS.	3	*	*	*	*	*	*	*	*
325	MOTOR VEHICLE PARTS & ACCESS. MFRS.	4	36	*	36	711	42	1,137	1,291	2,487
328	BOATBUILDING & REPAIR	1	*	*	*	*	*	*	*	*
329	MISCELLANEOUS VEHICLE MFRS.	2	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES		**18**	**207**	**97**	**304**	**6,081**	**278**	**8,248**	**10,170**	**18,632**
331	MFRS. OF SMALL ELECTRICAL APPLIANCES	2	*	*	*	*	*	*	*	*
333	MFRS. OF LIGHTING FIXTURES	1	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	5	*	*	*	*	*	*	*	*
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	5	99	48	147	2,950	126	4,396	4,043	8,546
338	MFRS. OF ELECTRIC WIRE & CABLE	1	*	*	*	*	*	*	*	*
339	MFRS. OF MISC. ELECTRICAL PRODUCTS	2	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	2	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**32**	**1,494**	**139**	**1,633**	**43,958**	**8,928**	**99,177**	**106,051**	**214,802**
352	CEMENT MFRS.	1	*	*	*	*	*	*	*	*
353	STONE PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
354	CONCRETE PRODUCTS MFRS.	14	556	30	586	16,196	1,524	29,849	33,140	64,663
3541	CONCRETE PIPE MFRS.	2	*	*	*	*	*	*	*	*
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	6	*	*	*	*	*	*	*	*
3549	CONCRETE PRODUCTS MFRS. N.E.S.	6	*	*	*	*	*	*	*	*
355	READY-MIX CONCRETE MFRS.	8	561	53	614	16,603	3,392	36,685	30,995	71,748
356	GLASS & GLASS PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
359	MISC. NON-METALLIC MINERAL PRODUCTS	5	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	5	*	*	*	*	*	*	*	*

TABLE 4 (CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
EDMONTON (METRO), ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES				COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL	SALARIES & WAGES				
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
	PETROLEUM & COAL PRODUCTS INDUSTRIES	**8**	**1,190**	**109**	**1,299**	**47,248**	**34,251**	**2,715,146**	**220,906**	**2,996,995**
365	PETROLEUM REFINERIES	5	*	*	*	*	*	*	*	*
3651	PETROLEUM REFINING	3	1,059	81	1,140	43,389	33,206	2,675,802	211,943	2,947,029
3652	MFRS. OF LUBRICATING OILS & GREASES	2	*	*	*	*	*	*	*	*
369	MISC. PETROLEUM & COAL PRODUCTS INDS.	3	*	*	*	*	*	*	*	*
	CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	**37**	**2,414**	**352**	**2,766**	**84,156**	**77,848**	**393,535**	**219,050**	**696,907**
372	MFRS. OF MIXED FERTILIZERS	1	*	*	*	*	*	*	*	*
373	MFRS. PLASTICS & SYNTHETIC RESINS	4	*	*	*	*	*	*	*	*
375	PAINT & VARNISH MFRS.	2	*	*	*	*	*	*	*	*
376	MFRS. OF SOAPS & CLEANING COMPOUNDS	7	*	*	*	*	*	*	*	*
378	MFRS. OF INDUSTRIAL CHEMICALS	11	1,693	221	1,914	60,333	69,896	284,719	155,312	517,221
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	7	*	*	*	*	*	*	*	*
3783	INDUSTRIAL CHEMS. (ORGANIC) N.E.S.	4	*	*	*	*	*	*	*	*
379	MISCELLANEOUS CHEMICAL INDUSTRIES	12	*	*	*	*	*	*	*	*
3791	MFRS. OF PRINTING INKS	4	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	8	107	18	125	3,120	187	14,226	25,300	39,049
	MISCELLANEOUS MANUFACTURING INDUSTRIES	**97**	**644**	**256**	**900**	**16,580**	**605**	**19,498**	**29,022**	**48,502**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	46	362	142	504	8,022	222	10,650	15,147	25,376
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	13	*	*	*	*	*	*	*	*
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	3	*	*	*	*	*	*	*	*
3914	OPHTHALMIC GOODS MFRS.	8	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	22	*	*	*	*	*	*	*	*
392	JEWELLERY & SILVERWARE INDUSTRY	10	30	27	57	1,128	30	868	1,670	2,511
393	SPORTING GOODS & TOY INDUSTRIES	2	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	2	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	28	195	63	258	6,007	298	4,491	9,181	13,976
399	MISCELLANEOUS MFG. INDUSTRIES, N.E.S.	11	*	*	*	*	*	*	*	*
3994	SOUND RECORDING-MUSICAL INSTRUMENTS	1	*	*	*	*	*	*	*	*
3999	OTHER MISC. MANUFACTURING INDS.	10	54	24	78	1,400	54	3,442	2,999	6,567

TABLE 5
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
LETHBRIDGE, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**84**	**2,220**	**753**	**2,973**	**65,515**	**8,398**	**581,769**	**183,200**	**750,338**
FOOD AND BEVERAGE INDUSTRIES		**28**	**1,525**	**417**	**1,942**	**44,632**	**7,240**	**545,696**	**121,087**	**675,949**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	7	*	*	*	*	*	*	*	*
1011	SLAUGHTERING & MEAT PROCESSORS	6	*	*	*	*	*	*	*	*
1012	POULTRY PROCESSORS	1	*	*	*	*	*	*	*	*
103	FRUIT & VEGETABLE PROCESSING INDS.	2	*	*	*	*	*	*	*	*
1032	FROZEN FRUIT & VEGETABLE PROCESSORS	2	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	2	*	*	*	*	*	*	*	*
105	FLOUR & BREAKFAST CEREAL PRODUCTS	1	*	*	*	*	*	*	*	*
106	FEED INDUSTRY	5	76	4	80	1,921	429	31,348	5,592	37,330
107	BAKERY PRODUCTS INDUSTRIES	5	*	*	*	*	*	*	*	*
1072	BAKERIES	5	*	*	*	*	*	*	*	*
108	MISCELLANEOUS FOOD INDUSTRIES	3	322	127	449	10,804	2,216	68,673	28,760	103,092
1083	VEGETABLE OIL MILLS	1	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	2	*	*	*	*	*	*	*	*
109	BEVERAGE INDUSTRIES	3	260	41	301	7,183	1,929	17,833	28,853	48,279
1091	SOFT DRINK MFRS.	1	*	*	*	*	*	*	*	*
1092	DISTILLERIES	1	*	*	*	*	*	*	*	*
1093	BREWERIES	1	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**1**	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	1	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**1**	*	*	*	*	*	*	*	*
189	MISCELLANEOUS TEXTILE INDUSTRIES	1	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**6**	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	5	*	*	*	*	*	*	*	*
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	4	*	*	*	*	*	*	*	*
2544	MFRS. OF WOODEN KITCHEN CABINETS	1	*	*	*	*	*	*	*	*
259	MISCELLANEOUS WOOD INDUSTRIES	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	1	*	*	*	*	*	*	*	*

TABLE 5 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
LETHBRIDGE, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
	FURNITURE & FIXTURE INDUSTRIES	7	*	*	*	*	*	*	*	*
261	HOUSEHOLD FURNITURE MFRS.	7	*	*	*	*	*	*	*	*
2611	FURNITURE RE-UPHOLSTERY & REPAIR	7	*	*	*	*	*	*	*	*
	PAPER & ALLIED INDUSTRIES	1	*	*	*	*	*	*	*	*
273	PAPER BOX & BAG MFRS.	1	*	*	*	*	*	*	*	*
2733	PAPER & PLASTIC BAG MFRS.	1	*	*	*	*	*	*	*	*
	PRINTING, PUBLISHING & ALLIED INDS.	6	127	66	193	4,513	142	2,430	8,268	10,847
286	COMMERCIAL PRINTING	5	*	*	*	*	*	*	*	*
289	PUBLISHING & PRINTING	1	*	*	*	*	*	*	*	*
	PRIMARY METAL INDUSTRIES	1	*	*	*	*	*	*	*	*
294	IRON FOUNDRIES	1	*	*	*	*	*	*	*	*
	METAL FABRICATING INDUSTRIES	10	88	10	98	2,087	87	3,456	3,478	6,944
301	BOILER & PLATE WORKS	1	*	*	*	*	*	*	*	*
302	FABRICATED STRUCTURAL METAL INDUSTRY	2	*	*	*	*	*	*	*	*
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	1	*	*	*	*	*	*	*	*
3031	METAL DOOR & WINDOW MFRS.	1	*	*	*	*	*	*	*	*
304	METAL STAMPING, PRESSING & COATING	2	*	*	*	*	*	*	*	*
3042	METAL STAMPING & PRESSING INDUSTRY	2	*	*	*	*	*	*	*	*
306	HARDWARE, TOOL & CUTLERY MFRS.	1	*	*	*	*	*	*	*	*
308	MACHINE SHOPS	2	*	*	*	*	*	*	*	*
309	MISCELLANEOUS METAL FABRICATING INDS.	1	*	*	*	*	*	*	*	*
	MACHINERY INDUSTRIES	7	127	8	135	2,528	137	4,292	5,264	9,504
311	AGRICULTURAL IMPLEMENT INDUSTRY	4	*	*	*	*	*	*	*	*
315	MISC. MACHINERY & EQUIPMENT MFRS.	3	*	*	*	*	*	*	*	*
	TRANSPORTATION EQUIPMENT INDUSTRIES	3	*	*	*	*	*	*	*	*
324	TRUCK BODY & TRAILER MFRS.	2	*	*	*	*	*	*	*	*
3242	NON-COMMERCIAL TRAILER MFRS.	2	*	*	*	*	*	*	*	*
328	BOATBUILDING & REPAIR	1	*	*	*	*	*	*	*	*

TABLE 5 (CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, LETHBRIDGE, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
	ELECTRICAL PRODUCTS INDUSTRIES	**1**	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	1	*	*	*	*	*	*	*	*
	NON-METALLIC MINERAL PRODUCTS INDS.	**6**	**78**	**8**	**84**	**1,858**	**319**	**4,108**	**4,334**	**8,696**
354	CONCRETE PRODUCTS MFRS.	2	*	*	*	*	*	*	*	*
3541	CONCRETE PIPE MFRS.	1	*	*	*	*	*	*	*	*
3549	CONCRETE PRODUCTS MFRS. N.E.S.	1	*	*	*	*	*	*	*	*
355	READY-MIX CONCRETE MFRS.	3	*	*	*	*	*	*	*	*
356	GLASS & GLASS PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
	MISCELLANEOUS MANUFACTURING INDUSTRIES	**6**	*	*	*	*	*	*	*	*
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	3	*	*	*	*	*	*	*	*
3914	OPHTHALMIC GOODS MFRS.	1	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	2	*	*	*	*	*	*	*	*
393	SPORTING GOODS & TOY INDUSTRIES	1	*	*	*	*	*	*	*	*
3932	TOYS & GAMES MFRS.	1	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	2	*	*	*	*	*	*	*	*

TABLE 6
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, MEDICINE HAT & AREA, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**58**	**1,875**	**400**	**2,275**	**57,247**	**61,573**	**223,570**	**148,463**	**424,892**
FOOD AND BEVERAGE INDUSTRIES		**10**	**216**	**35**	**251**	**5,353**	**576**	**46,171**	**12,126**	**58,981**
104	DAIRY PRODUCTS INDUSTRY	1	*	*	*	*	*	*	*	*
105	FLOUR & BREAKFAST CEREAL PRODUCTS	2	*	*	*	*	*	*	*	*
106	FEED INDUSTRY	2	*	*	*	*	*	*	*	*
107	BAKERY PRODUCTS INDUSTRIES	5	*	*	*	*	*	*	*	*
1072	BAKERIES	5	22	6	28	316	21	281	598	900
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**2**	*	*	*	*	*	*	*	*
162	RUBBER PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
1623	TIRE & TUBE MFRS.	1	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**4**	*	*	*	*	*	*	*	*
252	VENEER & PLYWOOD MILLS	1	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	3	*	*	*	*	*	*	*	*
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	2	*	*	*	*	*	*	*	*
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	1	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**3**	*	*	*	*	*	*	*	*
261	HOUSEHOLD FURNITURE MFRS.	3	*	*	*	*	*	*	*	*
2611	FURNITURE RE-UPHOLSTERY & REPAIR	3	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**8**	**120**	**48**	**168**	**3,234**	**134**	**3,481**	**7,280**	**10,887**
286	COMMERCIAL PRINTING	6	*	*	*	*	*	*	*	*
289	PUBLISHING & PRINTING	2	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES		**7**	**135**	**7**	**142**	**2,765**	**231**	**3,152**	**4,187**	**7,632**
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	3	*	*	*	*	*	*	*	*
3031	METAL DOOR & WINDOW MFRS.	1	*	*	*	*	*	*	*	*
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	2	*	*	*	*	*	*	*	*
304	METAL STAMPING, PRESSING & COATING	2	*	*	*	*	*	*	*	*

TABLE 6 (CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
MEDICINE HAT & AREA, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
3041	METAL COATING INDUSTRY	1	*	*	*	*	*	*	*	*
3042	METAL STAMPING & PRESSING INDUSTRY	1	*	*	*	*	*	*	*	*
308	MACHINE SHOPS	1	*	*	*	*	*	*	*	*
309	MISCELLANEOUS METAL FABRICATING INDS.	1	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES		**1**	*	*	*	*	*	*	*	*
315	MISC. MACHINERY & EQUIPMENT MFRS.	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**13**	**499**	**217**	**716**	**16,981**	**4,007**	**16,288**	**27,758**	**46,408**
351	CLAY PRODUCTS MFRS.	7	*	*	*	*	*	*	*	*
3511	CLAY PRODUCTS MFRS. (DOMESTIC CLAY)	4	*	*	*	*	*	*	*	*
3512	CLAY PRODUCTS MFRS. (IMPORTED CLAY)	3	*	*	*	*	*	*	*	*
353	STONE PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
355	READY-MIX CONCRETE MFRS.	3	*	*	*	*	*	*	*	*
356	GLASS & GLASS PRODUCTS MFRS.	2	*	*	*	*	*	*	*	*
3561	GLASS MFRS.	1	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES		**5**	**711**	**76**	**787**	**24,938**	**56,288**	**144,258**	**89,592**	**281,740**
378	MFRS. OF INDUSTRIAL CHEMICALS	4	*	*	*	*	*	*	*	*
3781	MFRS. OF PIGMENTS & DRY COLOURS	1	*	*	*	*	*	*	*	*
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	2	*	*	*	*	*	*	*	*
3783	INDUSTRIAL CHEMS. (ORGANIC) N.E.S.	1	*	*	*	*	*	*	*	*
379	MISCELLANEOUS CHEMICAL INDUSTRIES	1	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES		**5**	**35**	**6**	**41**	**867**	**23**	**780**	**639**	**1,441**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	3	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	3	*	*	*	*	*	*	*	*
393	SPORTING GOODS & TOY INDUSTRIES	2	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	2	*	*	*	*	*	*	*	*

TABLE 7
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
RED DEER, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**58**	**1,189**	**313**	**1,502**	**31,815**	**2,979**	**267,423**	**58,466**	**323,296**
FOOD AND BEVERAGE INDUSTRIES		**10**	**485**	**72**	**557**	**12,306**	**1,600**	**215,204**	**25,377**	**242,070**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	2	*	*	*	*	*	*	*	*
1011	SLAUGHTERING & MEAT PROCESSORS	2	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	1	*	*	*	*	*	*	*	*
106	FEED INDUSTRY	2	*	*	*	*	*	*	*	*
107	BAKERY PRODUCTS INDUSTRIES	2	*	*	*	*	*	*	*	*
1072	BAKERIES	2	*	*	*	*	*	*	*	*
108	MISCELLANEOUS FOOD INDUSTRIES	1	*	*	*	*	*	*	*	*
1083	VEGETABLE OIL MILLS	1	*	*	*	*	*	*	*	*
109	BEVERAGE INDUSTRIES	2	*	*	*	*	*	*	*	*
1091	SOFT DRINK MFRS.	1	*	*	*	*	*	*	*	*
1093	BREWERIES	1	*	*	*	*	*	*	*	*
LEATHER INDUSTRIES		**1**	*	*	*	*	*	*	*	*
179	LUGGAGE, HANDBAG, ETC. MFRS.	1	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**2**	*	*	*	*	*	*	*	*
189	MISCELLANEOUS TEXTILE INDUSTRIES	2	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	1	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**5**	**34**	**5**	**39**	**688**	**40**	**1,133**	**992**	**2,107**
254	SASH, DOOR & OTHER MILLWORK PLANTS	5	34	5	39	688	40	1,133	992	2,107
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	3	*	*	*	*	*	*	*	*
2544	MFRS. OF WOODEN KITCHEN CABINETS	2	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**3**	*	*	*	*	*	*	*	*
261	HOUSEHOLD FURNITURE MFRS.	3	*	*	*	*	*	*	*	*
2611	FURNITURE RE-UPHOLSTERY & REPAIR	2	*	*	*	*	*	*	*	*
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	1	*	*	*	*	*	*	*	*

TABLE 7 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
RED DEER, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
PRINTING, PUBLISHING & ALLIED INDS.		**10**	**142**	**130**	**272**	**5,207**	**116**	**3,402**	**9,625**	**13,157**
286	COMMERCIAL PRINTING	7	*	*	*	*	*	*	*	*
288	PUBLISHING ONLY	1	*	*	*	*	*	*	*	*
289	PUBLISHING & PRINTING	2	*	*	*	*	*	*	*	*
PRIMARY METAL INDUSTRIES		**1**	*	*	*	*	*	*	*	*
292	STEEL PIPE & TUBE MILLS	1	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES		**6**	*	*	*	*	*	*	*	*
302	FABRICATED STRUCTURAL METAL INDUSTRY	1	*	*	*	*	*	*	*	*
304	METAL STAMPING, PRESSING & COATING	1	*	*	*	*	*	*	*	*
3042	METAL STAMPING & PRESSING INDUSTRY	1	*	*	*	*	*	*	*	*
308	MACHINE SHOPS	4	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES		**5**	*	*	*	*	*	*	*	*
311	AGRICULTURAL IMPLEMENT INDUSTRY	1	*	*	*	*	*	*	*	*
315	MISC. MACHINERY & EQUIPMENT MFRS.	4	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES		**4**	*	*	*	*	*	*	*	*
324	TRUCK BODY & TRAILER MFRS.	3	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	1	*	*	*	*	*	*	*	*
3242	NON-COMMERCIAL TRAILER MFRS.	2	*	*	*	*	*	*	*	*
328	BOATBUILDING & REPAIR	1	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES		**2**	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	1	*	*	*	*	*	*	*	*
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**4**	**33**	**7**	**40**	**984**	**243**	**3,462**	**1,328**	**5,068**
351	CLAY PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
3512	CLAY PRODUCTS MFRS. (IMPORTED CLAY)	1	*	*	*	*	*	*	*	*
355	READY-MIX CONCRETE MFRS.	3	*	*	*	*	*	*	*	*

TABLE 7 (CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
RED DEER, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
	MISCELLANEOUS MANUFACTURING INDUSTRIES	**5**	**11**	**7**	**18**	**292**	**11**	**348**	**391**	**748**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	2	*	*	*	*	*	*	*	*
3914	OPHTHALMIC GOODS MFRS.	1	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	1	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	3	*	*	*	*	*	*	*	*

TABLE 8
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CENSUS DIVISIONS, ALBERTA, 1982

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 01									
TOTAL ALL INDUSTRIES	**58**	**1,875**	**400**	**2,275**	**57,247**	**61,573**	**223,570**	**148,483**	**424,892**
FOOD AND BEVERAGE INDUSTRIES	10	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES	2	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	4	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES	3	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	8	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	7	135	7	142	2,765	231	3,152	4,187	7,632
MACHINERY INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	13	499	217	716	16,981	4,007	16,286	27,758	46,408
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	5	711	76	787	24,938	56,268	144,258	89,592	281,740
MISCELLANEOUS MANUFACTURING INDUSTRIES	5	35	6	41	667	23	780	639	1,441
CENSUS DIVISION 02									
TOTAL ALL INDUSTRIES	**143**	**3,380**	**1,018**	**4,398**	**93,780**	**15,237**	**809,068**	**230,388**	**1,047,842**
FOOD AND BEVERAGE INDUSTRIES	50	2,064	569	2,633	58,034	13,321	737,606	161,824	911,371
RUBBER & PLASTICS PRODUCTS INDUSTRIES	3	12	5	17	267	30	692	256	978
TEXTILE INDUSTRIES	2	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	11	100	27	127	2,480	116	4,180	4,894	9,067
FURNITURE & FIXTURE INDUSTRIES	8	*	*	*	*	*	*	*	*
PAPER & ALLIED INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	11	157	81	238	5,129	161	2,913	9,206	12,288
PRIMARY METAL INDUSTRIES	2	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	16	125	12	137	2,780	96	4,641	4,369	9,048
MACHINERY INDUSTRIES	12	351	30	381	7,824	387	13,158	15,598	29,558
TRANSPORTATION EQUIPMENT INDUSTRIES	7	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES	2	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	9	96	10	106	2,309	383	5,122	4,978	10,419
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	2	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	7	42	14	56	1,221	49	548	850	1,455
CENSUS DIVISION 03									
TOTAL ALL INDUSTRIES	**37**	**380**	**91**	**471**	**8,124**	**1,371**	**35,101**	**15,348**	**52,095**
FOOD AND BEVERAGE INDUSTRIES	9	56	13	69	1,431	429	17,069	4,999	22,443

TABLE 8 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, CENSUS DIVISIONS, ALBERTA, 1982

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
LEATHER INDUSTRIES	2	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES	2	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	10	239	40	279	5,001	862	13,310	8,369	22,884
FURNITURE & FIXTURE INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	4	18	13	31	421	12	512	540	1,064
METAL FABRICATING INDUSTRIES	3	9	2	11	189	8	234	201	443
MACHINERY INDUSTRIES	2	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES	1	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	1	*	*	*	*	*	*	*	*
CENSUS DIVISION 04									
TOTAL ALL INDUSTRIES	**6**	**9**	**3**	**12**	**166**	**27**	**269**	**457**	**753**
TEXTILE INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	2	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	1	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	1	*	*	*	*	*	*	*	*
CENSUS DIVISION 05									
TOTAL ALL INDUSTRIES	**28**	**308**	**55**	**363**	**10,532**	**28,709**	**69,350**	**65,324**	**158,729**
FOOD AND BEVERAGE INDUSTRIES	5	19	7	26	480	77	3,623	858	4,557
TEXTILE INDUSTRIES	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	1	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	5	26	14	40	547	31	683	805	1,519
METAL FABRICATING INDUSTRIES	2	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES	3	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	3	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	3	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	2	*	*	*	*	*	*	*	*

TABLE 8 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CENSUS DIVISIONS, ALBERTA, 1982

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 06									
TOTAL ALL INDUSTRIES	**853**	**19,380**	**5,389**	**24,749**	**583,345**	**61,788**	**2,028,386**	**1,136,584**	**3,199,091**
FOOD AND BEVERAGE INDUSTRIES	97	3,734	1,241	4,975	115,822	14,156	945,182	260,142	1,215,876
RUBBER & PLASTICS PRODUCTS INDUSTRIES	25	*	*	*	*	*	*	*	*
LEATHER INDUSTRIES	4	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES	20	*	*	*	*	*	*	*	*
KNITTING MILLS	1	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES	11	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	54	1,198	234	1,432	33,407	1,874	47,718	50,345	102,768
FURNITURE & FIXTURE INDUSTRIES	62	689	231	920	14,068	519	25,988	25,025	52,193
PAPER & ALLIED INDUSTRIES	21	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	140	2,170	1,177	3,347	78,224	1,856	67,133	138,251	207,172
PRIMARY METAL INDUSTRIES	13	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	148	3,400	390	3,790	93,175	3,840	142,900	174,768	328,072
MACHINERY INDUSTRIES	55	2,001	165	2,166	57,696	2,697	119,998	112,780	239,837
TRANSPORTATION EQUIPMENT INDUSTRIES	28	591	103	694	15,401	765	25,322	21,294	48,069
ELECTRICAL PRODUCTS INDUSTRIES	22	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	38	1,310	66	1,376	36,724	6,377	92,335	76,761	178,530
PETROLEUM & COAL PRODUCTS INDUSTRIES	5	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	24	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	85	691	319	1,010	17,672	453	23,478	28,299	52,071
CENSUS DIVISION 07									
TOTAL ALL INDUSTRIES	**21**	**65**	**22**	**87**	**1,519**	**251**	**6,609**	**2,833**	**9,720**
FOOD AND BEVERAGE INDUSTRIES	10	22	10	32	612	126	3,695	932	4,751
WOOD INDUSTRIES	2	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	5	8	8	16	265	12	212	468	692
MACHINERY INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	1	*	*	*	*	*	*	*	*

TABLE 8 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CENSUS DIVISIONS, ALBERTA, 1982

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 08									
TOTAL ALL INDUSTRIES	**114**	**1,944**	**537**	**2,481**	**53,723**	**21,838**	**487,531**	**156,703**	**840,988**
FOOD AND BEVERAGE INDUSTRIES	22	551	94	645	14,030	1,890	231,450	28,314	261,447
LEATHER INDUSTRIES	1	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES	2	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	16	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES	6	98	23	121	1,722	66	2,701	1,782	4,428
PRINTING, PUBLISHING & ALLIED INDS.	20	203	166	369	6,692	171	4,606	11,717	16,507
PRIMARY METAL INDUSTRIES	2	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	9	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES	5	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES	5	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES	4	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	10	197	42	239	5,995	1,739	13,430	12,199	28,371
PETROLEUM & COAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	9	30	31	61	848	77	1,154	1,516	2,736
CENSUS DIVISION 09									
TOTAL ALL INDUSTRIES	**24**	**514**	**67**	**581**	**16,128**	**14,213**	**30,378**	**58,011**	**103,263**
FOOD AND BEVERAGE INDUSTRIES	2	*	*	*	*	*	*	*	*
KNITTING MILLS	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	4	84	4	88	1,826	265	3,249	1,395	4,852
FURNITURE & FIXTURE INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	6	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	2	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES	2	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	5	282	15	297	10,290	13,644	14,714	45,544	74,501
MISCELLANEOUS MANUFACTURING INDUSTRIES	1	*	*	*	*	*	*	*	*
CENSUS DIVISION 10									
TOTAL ALL INDUSTRIES	**68**	**1,170**	**223**	**1,393**	**30,824**	**6,691**	**252,233**	**48,202**	**309,592**
FOOD AND BEVERAGE INDUSTRIES	17	202	53	255	5,669	1,544	77,601	7,845	87,308

TABLE 8 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CENSUS DIVISIONS, ALBERTA, 1982

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
RUBBER & PLASTICS PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	5	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES	5	12	5	17	190	8	317	273	598
PAPER & ALLIED INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	10	61	77	138	2,383	67	2,601	3,708	6,377
PRIMARY METAL INDUSTRIES	1	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	9	233	19	252	5,104	580	16,870	7,538	25,147
MACHINERY INDUSTRIES	3	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	8	50	6	56	1,294	291	4,172	2,031	6,497
PETROLEUM & COAL PRODUCTS INDUSTRIES	2	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 11									
TOTAL ALL INDUSTRIES	**966**	**25,808**	**6,741**	**32,549**	**799,673**	**189,959**	**4,808,854**	**1,741,099**	**6,773,609**
FOOD AND BEVERAGE INDUSTRIES	105	4,480	1,444	5,924	136,182	13,399	669,147	227,947	907,799
RUBBER & PLASTICS PRODUCTS INDUSTRIES	31	546	167	713	14,792	2,073	34,084	30,526	68,194
LEATHER INDUSTRIES	6	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES	21	208	185	393	8,074	1,821	22,667	25,703	50,551
CLOTHING INDUSTRIES	13	279	1,143	1,422	25,670	637	25,771	35,919	65,809
WOOD INDUSTRIES	74	1,056	139	1,195	23,348	1,780	42,790	36,621	82,050
FURNITURE & FIXTURE INDUSTRIES	60	*	*	*	*	*	*	*	*
PAPER & ALLIED INDUSTRIES	14	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	142	1,858	1,204	3,062	67,242	1,962	67,585	129,743	199,296
PRIMARY METAL INDUSTRIES	7	2,236	187	2,423	69,844	21,647	216,333	156,823	401,265
METAL FABRICATING INDUSTRIES	189	4,410	532	4,942	116,162	5,793	193,877	215,527	418,611
MACHINERY INDUSTRIES	73	2,652	238	2,890	81,523	3,747	195,679	159,967	345,608
TRANSPORTATION EQUIPMENT INDUSTRIES	29	526	78	604	13,409	917	22,723	15,594	42,041
ELECTRICAL PRODUCTS INDUSTRIES	18	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	39	*	*	*	*	*	*	*	*
PETROLEUM & COAL PRODUCTS INDUSTRIES	8	1,190	109	1,299	47,248	34,251	2,715,146	220,906	2,996,995
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	39	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	98	*	*	*	*	*	*	*	*

TABLE 8(CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CENSUS DIVISIONS, ALBERTA, 1982

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 12									
TOTAL ALL INDUSTRIES	**54**	**381**	**146**	**527**	**10,157**	**1,285**	**22,838**	**15,461**	**41,429**
FOOD AND BEVERAGE INDUSTRIES	15	81	29	110	1,995	259	8,549	2,415	11,192
CLOTHING INDUSTRIES	2	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	9	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES	3	7	1	8	117	5	202	150	357
PRINTING, PUBLISHING & ALLIED INDS.	10	75	61	136	2,139	72	1,359	3,178	4,609
METAL FABRICATING INDUSTRIES	3	36	2	38	846	30	432	1,159	1,621
TRANSPORTATION EQUIPMENT INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	8	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 13									
TOTAL ALL INDUSTRIES	**28**	**605**	**115**	**720**	**16,666**	**2,624**	**40,483**	**17,281**	**61,228**
FOOD AND BEVERAGE INDUSTRIES	8	65	24	89	1,755	344	15,781	3,782	19,830
RUBBER & PLASTICS PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	5	464	55	519	12,943	2,055	19,118	9,034	31,050
FURNITURE & FIXTURE INDUSTRIES	2	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	7	35	34	69	961	16	948	1,329	2,293
METAL FABRICATING INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	4	*	*	*	*	*	*	*	*
CENSUS DIVISION 14									
TOTAL ALL INDUSTRIES	**20**	**718**	**98**	**816**	**25,126**	**7,469**	**52,742**	**57,148**	**115,542**
FOOD AND BEVERAGE INDUSTRIES	3	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	9	*	*	*	*	*	*	*	*
PAPER & ALLIED INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	3	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	2	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*

TABLE 8(CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CENSUS DIVISIONS, ALBERTA, 1982

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 15									
TOTAL ALL INDUSTRIES	**74**	**2,193**	**415**	**2,608**	**64,853**	**15,011**	**210,877**	**108,532**	**339,644**
FOOD AND BEVERAGE INDUSTRIES	13	232	62	294	6,300	2,112	53,946	453	57,514
WOOD INDUSTRIES	23	1,168	161	1,329	30,438	6,864	69,363	23,400	107,362
FURNITURE & FIXTURE INDUSTRIES	3	*	*	*	*	*	*	*	*
PAPER & ALLIED INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	11	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	8	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	11	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	2	*	*	*	*	*	*	*	*

TABLE 9
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1982

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 01										
I.D. NO. 1	1	1	*	*	*	*	*	*	*	*
MEDICINE HAT	65	50	*	*	*	*	*	*	*	*
BOW ISLAND	2	2	*	*	*	*	*	*	*	*
REDCLIFF	5	5	*	*	*	*	*	*	*	*
SEVEN PERSONS	1	-	--	--	--	--	--	--	--	--
CENSUS DIVISION 02										
RAYMOND	6	3	*	*	*	*	*	*	*	*
LETHBRIDGE CO. 26	13	11	217	66	283	5,638	340	32,995	9,353	42,923
LETHBRIDGE	107	84	2,220	753	2,973	65,515	8,398	581,769	163,200	750,338
COALHURST	1	1	*	*	*	*	*	*	*	*
NOBLEFORD	1	1	*	*	*	*	*	*	*	*
BARONS	1	1	*	*	*	*	*	*	*	*
PICTURE BUTTE	3	2	*	*	*	*	*	*	*	*
COALDALE	9	7	81	8	89	1,577	79	6,108	2,745	8,563
TABER	11	7	307	97	404	7,291	4,475	61,504	27,322	90,525
BARNWELL	1	1	*	*	*	*	*	*	*	*
VAUXHALL	3	3	44	22	66	1,048	777	7,596	1,800	10,096
TILLEY	3	3	*	*	*	*	*	*	*	*
BROOKS	15	14	233	31	264	5,864	536	99,856	15,460	114,936
BASSANO	6	5	67	15	82	2,057	168	8,820	2,879	11,782
MILK RIVER	1	-	--	--	--	--	--	--	--	--
DUCHESS	1	-	--	--	--	--	--	--	--	--
CENSUS DIVISION 03										
MOUNTAIN VIEW	1	1	*	*	*	*	*	*	*	*
WELLING	1	1	*	*	*	*	*	*	*	*
MAGRATH	2	2	*	*	*	*	*	*	*	*
CARDSTON	5	3	*	*	*	*	*	*	*	*
GLENWOOD	1	1	*	*	*	*	*	*	*	*

TABLE 8 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1982

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
STAND OFF	1	1	*	*	*	*	*	*	*	*
PINCHER CREEK M.D. 9	1	2	*	*	*	*	*	*	*	*
BROCKET	1	-	--	--	--	--	--	--	--	--
PINCHER CREEK	5	5	*	*	*	*	*	*	*	*
COWLEY	1	1	*	*	*	*	*	*	*	*
WILLOW CREEK M.D. 26	4	3	*	*	*	*	*	*	*	*
FORT MACLEOD	7	7	71	22	93	1,727	392	7,301	1,948	9,660
GRANUM	2	2	*	*	*	*	*	*	*	*
CLARESHOLM	9	3	*	*	*	*	*	*	*	*
STAVELY	1	1	*	*	*	*	*	*	*	*
NANTON	5	4	*	*	*	*	*	*	*	*
CENSUS DIVISION 04										
HANNA	3	1	*	*	*	*	*	*	*	*
OYEN	3	3	*	*	*	*	*	*	*	*
CONSORT	2	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 05										
VULCAN CO. 2	2	1	*	*	*	*	*	*	*	*
VULCAN	4	3	*	*	*	*	*	*	*	*
CARSELAND	4	4	*	*	*	*	*	*	*	*
STRATHMORE	4	2	*	*	*	*	*	*	*	*
ROCKYFORD	1	1	*	*	*	*	*	*	*	*
I.D. NO. 7	3	2	*	*	*	*	*	*	*	*
DRUMHELLER	7	5	*	*	*	*	*	*	*	*
CARBON	1	-	--	--	--	--	--	--	--	--
LINDEN	2	-	--	--	--	--	--	--	--	--
THREE HILLS	6	5	*	*	*	*	*	*	*	*
TROCHU	3	3	*	*	*	*	*	*	*	*

TABLE 9 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1982

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 06										
MILLARVILLE	1	-	--	--	--	--	--	--	--	--
BLACKIE	3	1	*	*	*	*	*	*	*	*
HIGH RIVER	16	14	87	42	129	2,294	168	7,556	4,389	12,159
LONGVIEW	1	1	*	*	*	*	*	*	*	*
TURNER VALLEY	1	1	*	*	*	*	*	*	*	*
OKOTOKS	8	6	86	8	94	2,343	314	3,705	3,873	7,879
ROCKY VIEW M.D. 44	8	7	*	*	*	*	*	*	*	*
CALGARY	1,161	777	18,439	5,127	23,566	555,304	55,309	1,886,526	1,082,167	3,017,361
COCHRANE	8	7	197	8	205	4,866	650	7,690	10,657	18,802
AIRDRIE	18	12	88	91	179	3,326	401	12,292	6,265	18,880
IRRICANA	1	-	--	--	--	--	--	--	--	--
BEISEKER	2	2	*	*	*	*	*	*	*	*
CROSSFIELD	2	2	*	*	*	*	*	*	*	*
CARSTAIRS	2	2	*	*	*	*	*	*	*	*
CREMONA	2	2	*	*	*	*	*	*	*	*
DIDSBURY	8	8	74	19	93	1,818	214	6,717	3,344	10,324
OLDS	8	7	49	34	83	1,440	147	8,118	2,107	10,156
SUNDRE	6	4	47	6	53	1,092	174	1,935	752	2,760
CENSUS DIVISION 07										
CADOGAN	1	-	--	--	--	--	--	--	--	--
PROVOST M.D. 52	1	1	*	*	*	*	*	*	*	*
PROVOST	3	1	*	*	*	*	*	*	*	*
CORONATION	2	2	*	*	*	*	*	*	*	*
CASTOR	4	2	*	*	*	*	*	*	*	*
STETTLER CO. 19	2	2	*	*	*	*	*	*	*	*
STETTLER	12	5	22	5	27	473	68	2,340	1,161	3,597
DONALDA	1	1	*	*	*	*	*	*	*	*
FORESTBURG	2	1	*	*	*	*	*	*	*	*
STROME	1	-	--	--	--	--	--	--	--	--
KILLAM	2	1	*	*	*	*	*	*	*	*
SEDGEWICK	1	1	*	*	*	*	*	*	*	*
WAINWRIGHT	6	4	*	*	*	*	*	*	*	*

TABLE 9 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1982

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 08										
RED DEER CO. 23	2	1	*	*	*	*	*	*	*	*
DELBURNE	5	4	*	*	*	*	*	*	*	*
BOWDEN	3	3	*	*	*	*	*	*	*	*
INNISFAIL	14	13	208	48	256	5,917	1,446	15,938	12,593	30,783
PENHOLD	4	2	*	*	*	*	*	*	*	*
RED DEER	92	58	1,189	313	1,502	31,615	2,979	267,423	58,466	323,296
SYLVAN LAKE	4	2	*	*	*	*	*	*	*	*
CAROLINE	1	-	--	--	--	--	--	--	--	--
LESLIEVILLE	1	-	--	--	--	--	--	--	--	--
ROCKY MOUNTAIN HOUSE	6	6	*	*	*	*	*	*	*	*
I.D. NO. 10	2	2	*	*	*	*	*	*	*	*
COLLEGE HEIGHTS	4	4	*	*	*	*	*	*	*	*
ECKVILLE	2	-	--	--	--	--	--	--	--	--
BLACKFALDS	1	1	*	*	*	*	*	*	*	*
LACOMBE	9	6	41	27	68	1,211	306	8,685	1,725	10,732
MIRROR	1	1	*	*	*	*	*	*	*	*
HOBBEMA	3	-	--	--	--	--	--	--	--	--
PONOKA CO. 3	1	3	*	*	*	*	*	*	*	*
PONOKA	6	6	*	*	*	*	*	*	*	*
RIMBEY	4	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 09										
CROWSNEST PASS	14	12	223	32	255	5,826	1,050	14,681	12,462	28,224
I.D. NO. 8	2	2	*	*	*	*	*	*	*	*
CANMORE	6	3	*	*	*	*	*	*	*	*
I.D. 9 BANFF PARK	8	4	*	*	*	*	*	*	*	*
I.D. 12 JASPER PARK	4	3	*	*	*	*	*	*	*	*

TABLE 9 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1982

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 10										
CAMROSE CO. 22	5	5	22	8	30	526	97	3,008	1,335	4,475
BASHAW	2	1	*	*	*	*	*	*	*	*
ROSALIND	1	1	*	*	*	*	*	*	*	*
CAMROSE	21	18	300	50	350	8,366	796	50,840	13,604	67,077
BITTERN LAKE	1	1	*	*	*	*	*	*	*	*
KINSELLA	1	1	*	*	*	*	*	*	*	*
TOFIELD	3	3	*	*	*	*	*	*	*	*
RYLEY	1	1	*	*	*	*	*	*	*	*
VIKING	2	2	*	*	*	*	*	*	*	*
VEGREVILLE	6	6	90	14	104	1,953	197	7,859	3,028	10,660
MANNVILLE	1	1	*	*	*	*	*	*	*	*
VERMILION RV. CO. 24	2	1	*	*	*	*	*	*	*	*
LLOYDMINSTER (ALTA)	16	14	621	95	716	16,617	5,039	177,388	24,446	208,285
VERMILION	8	4	49	24	73	1,326	147	3,609	2,588	6,064
MARWAYNE	1	1	*	*	*	*	*	*	*	*
DEWBERRY	1	1	*	*	*	*	*	*	*	*
TWO HILLS	1	1	*	*	*	*	*	*	*	*
WILLINGDON	1	-	--	--	--	--	--	--	--	--
ANDREW	2	1	*	*	*	*	*	*	*	*
LAMONT	2	2	*	*	*	*	*	*	*	*
BRUDERHEIM	2	1	*	*	*	*	*	*	*	*
CENSUS DIVISION 11										
WETASKIWIN CO. 10	2	2	*	*	*	*	*	*	*	*
WETASKIWIN	23	19	163	50	213	3,989	631	26,599	8,544	35,638
MILLET	2	1	*	*	*	*	*	*	*	*
LEDUC CO. 25	35	24	654	85	739	16,993	747	42,784	39,549	81,640
BEAUMONT	1	-	--	--	--	--	--	--	--	--
NEW SAREPTA	1	1	*	*	*	*	*	*	*	*
LEDUC	16	7	41	49	90	1,226	40	1,232	1,798	3,068
DEVON	3	1	*	*	*	*	*	*	*	*
CALMAR	2	2	*	*	*	*	*	*	*	*

TABLE 9 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1982

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
THORSBY	3	2	*	*	*	*	*	*	*	*
WARBURG	1	1	*	*	*	*	*	*	*	*
DRAYTON VALLEY	7	5	28	19	47	923	26	779	1,770	2,576
PARKLAND CO. 31	20	16	533	74	607	18,539	11,085	26,696	67,214	102,758
SEBA BEACH	1	1	*	*	*	*	*	*	*	*
STONY PLAIN	9	8	59	20	79	1,373	139	2,840	895	4,118
SPRUCE GROVE	17	10	93	38	131	2,504	177	22,209	5,212	27,487
STRATHCONA CO. 20	74	68	4,709	538	5,247	156,009	65,216	2,997,033	462,666	3,546,086
FORT SASKATCHEWAN	22	20	1,928	296	2,224	70,371	58,939	374,578	178,713	638,956
STURGEON M.D. 90	6	5	*	*	*	*	*	*	*	*
EDMONTON	1,095	740	16,824	5,420	22,244	502,239	33,848	1,214,834	928,627	2,167,643
ST ALBERT	25	22	*	*	*	*	*	*	*	*
GIBBONS	2	1	*	*	*	*	*	*	*	*
REDWATER	5	4	*	*	*	*	*	*	*	*
MORINVILLE	6	4	*	*	*	*	*	*	*	*
LEGAL	2	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 12										
BONNYVILLE M.D. 87	4	3	*	*	*	*	*	*	*	*
GRAND CENTRE	7	6	*	*	*	*	*	*	*	*
BONNYVILLE	12	10	41	16	57	985	58	2,606	1,360	4,014
ST PAUL CO. 19	2	2	*	*	*	*	*	*	*	*
ELK POINT	2	2	*	*	*	*	*	*	*	*
ST PAUL	7	5	62	22	84	1,678	158	5,001	2,094	7,231
SMOKY LAKE CO. 13	3	1	*	*	*	*	*	*	*	*
SMOKY LAKE	4	4	*	*	*	*	*	*	*	*
I.D. NO. 18	2	2	*	*	*	*	*	*	*	*
LAC LA BICHE	3	2	*	*	*	*	*	*	*	*
PLAMONDON	1	1	*	*	*	*	*	*	*	*
FORT MCMURRAY	20	16	127	51	178	4,078	407	7,855	7,165	15,427
CENSUS DIVISION 13										
CHERHILL	1	-	--	--	--	--	--	--	--	--
MAYERTHORPE	4	3	*	*	*	*	*	*	*	*

TABLE 9 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1982

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES				COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL	SALARIES & WAGES				
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
SANGUDO	1	-	--	--	--	--	--	--	--	--
ALBERTA BEACH	1	1	*	*	*	*	*	*	*	*
ONOWAY	5	3	*	*	*	*	*	*	*	*
BARRHEAD CO. 11	2	-	--	--	--	--	--	--	--	--
BARRHEAD	10	7	140	37	177	3,255	725	19,661	4,455	24,134
I.D. NO. 15	1	1	*	*	*	*	*	*	*	*
WHITECOURT	7	4	*	*	*	*	*	*	*	*
WESTLOCK	9	5	35	13	48	913	107	3,396	2,398	5,976
COLINTON	1	-	--	--	--	--	--	--	--	--
ATHABASCA CO. 12	1	-	--	--	--	--	--	--	--	--
BOYLE	1	1	*	*	*	*	*	*	*	*
ATHABASCA	5	3	*	*	*	*	*	*	*	*
CENSUS DIVISION 14										
EVANSBURG	1	1	*	*	*	*	*	*	*	*
I.D. NO. 14	6	6	*	*	*	*	*	*	*	*
WILDWOOD	1	-	--	--	--	--	--	--	--	--
HINTON	13	8	*	*	*	*	*	*	*	*
EDSON	8	5	*	*	*	*	*	*	*	*
CENSUS DIVISION 15										
FOX CREEK	2	-	--	--	--	--	--	--	--	--
GRANDE CACHE	3	2	*	*	*	*	*	*	*	*
GRANDE PRAIRIE CO. 1	3	3	*	*	*	*	*	*	*	*
BEAVERLODGE	4	2	*	*	*	*	*	*	*	*
WEMBLEY	1	-	--	--	--	--	--	--	--	--
GRANDE PRAIRIE	30	24	510	144	654	14,351	2,288	36,881	18,309	59,290
SEXSMITH	1	1	*	*	*	*	*	*	*	*
I.D. NO. 16	3	3	*	*	*	*	*	*	*	*
VALLEYVIEW	1	-	--	--	--	--	--	--	--	--
HIGH PRAIRIE	5	4	103	40	143	2,469	647	2,243	2,136	4,892
SWAN HILLS	1	1	*	*	*	*	*	*	*	*
I.D. NO. 17	8	7	197	22	219	4,299	1,038	7,779	6,223	16,152
SLAVE LAKE	3	3	*	*	*	*	*	*	*	*

TABLE 9 (CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1982

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES				COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL	SALARIES & WAGES				
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
PEACE RIVER	9	7	113	18	131	2,372	212	7,196	2,886	10,977
SMOKY RIVER M.D. 130	2	1	*	*	*	*	*	*	*	*
MCLENNAN	1	1	*	*	*	*	*	*	*	*
FALHER	2	1	*	*	*	*	*	*	*	*
RYCROFT	3	2	*	*	*	*	*	*	*	*
SPIRIT RIVER	2	-	--	--	--	--	--	--	--	--
HINES CREEK	3	2	*	*	*	*	*	*	*	*
FAIRVIEW	3	3	*	*	*	*	*	*	*	*
GRIMSHAW	1	1	*	*	*	*	*	*	*	*
HOTCHKISS	1	-	--	--	--	--	--	--	--	--
MANNING	2	1	*	*	*	*	*	*	*	*
HIGH LEVEL	4	3	*	*	*	*	*	*	*	*
I.D. NO. 23	4	2	*	*	*	*	*	*	*	*

Alberta
CANADA

CENSUS DIVISIONS
MUNICIPALITIES
1981

Solid lines and numbers denote boundaries of 1981 Municipalities.

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SECTION C

Principal Manufacturing Statistics by Industrial Activity

TABLE 10
PRINCIPAL MANUFACTURING STATISTICS,
AGRICULTURAL PROCESSING INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
1010	MEAT & POULTRY PRODUCTS INDUSTRIES	69	4,839	1,578	6,417	150,064	12,152	1,705,087	232,770	1,947,086
1011	SLAUGHTERING & MEAT PROCESSORS	63	4,498	993	5,491	131,567	10,869	1,624,769	202,009	1,835,720
1012	POULTRY PROCESSORS	6	341	585	926	18,498	1,283	80,317	30,761	111,367
1030	FRUIT & VEGETABLE PROCESSING INDS.	7	*	*	*	*	*	*	*	*
1031	FRUIT & VEG. CANNERS & PRESERVERS	5	145	74	219	3,926	690	16,701	6,865	22,560
1032	FROZEN FRUIT & VEGETABLE PROCESSORS	2	*	*	*	*	*	*	*	*
1040	DAIRY PRODUCTS INDUSTRY	30	1,763	369	2,132	51,718	6,076	302,696	73,155	380,762
1050	FLOUR & BREAKFAST CEREAL PRODUCTS	5	370	69	439	9,841	1,087	83,448	15,446	100,256
1060	FEED INDUSTRY	67	792	109	901	18,585	4,949	202,709	41,055	248,895
1070	BAKERY PRODUCTS INDUSTRIES	127	*	*	*	*	*	*	*	*
1071	BISCUIT MFRS.	1	*	*	*	*	*	*	*	*
1072	BAKERIES	126	1,136	630	1,766	36,654	3,076	38,867	67,987	109,914
1080	MISCELLANEOUS FOOD INDUSTRIES	36	*	*	*	*	*	*	*	*
1081	CONFECTIONERY MFRS.	2	*	*	*	*	*	*	*	*
1082	CANE & BEET SUGAR PROCESSORS	1	*	*	*	*	*	*	*	*
1083	VEGETABLE OIL MILLS	5	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	28	682	383	1,065	21,180	3,342	87,019	62,080	153,732
1090	BEVERAGE INDUSTRIES	25	1,897	358	2,255	54,627	8,086	125,383	166,806	295,472
1091	SOFT DRINK MFRS.	14	896	219	1,115	23,807	2,036	62,446	52,920	118,097
1092	DISTILLERIES	3	*	*	*	*	*	*	*	*
1093	BREWERIES	5	756	60	816	22,865	2,488	35,245	79,906	116,103
1094	WINERIES	3	*	*	*	*	*	*	*	*
1720	LEATHER TANNERIES	2	*	*	*	*	*	*	*	*
1740	SHOE FACTORIES	1	*	*	*	*	*	*	*	*
1750	LEATHER GLOVE FACTORIES	1	*	*	*	*	*	*	*	*
1780	LUGGAGE, HANDBAG, ETC. MFRS.	9	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	9	*	*	*	*	*	*	*	*
TOTAL		379	12,708	3,888	16,596	377,249	48,639	2,824,756	719,605	3,587,089

TABLE 11
PRINCIPAL MANUFACTURING STATISTICS,
PETROLEUM AND CHEMICALS INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
1620	RUBBER PRODUCTS INDUSTRIES	4	285	51	336	8,166	466	10,334	8,439	19,432
1623	TIRE & TUBE MFRS.	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
1650	PLASTICS FABRICATING IND., N.E.S.	59	890	306	1,196	23,963	3,071	63,103	52,158	119,665
3650	PETROLEUM REFINERIES	10	*	*	*	*	*	*	*	*
3651	PETROLEUM REFINING	7	1,744	426	2,170	78,171	43,632	3,001,549	240,353	3,287,834
3652	MFRS. OF LUBRICATING OILS & GREASES	3	*	*	*	*	*	*	*	*
3690	MISC. PETROLEUM & COAL PRODUCTS	6	*	*	*	*	*	*	*	*
3720	MFRS. OF MIXED FERTILIZERS	5	38	6	44	880	196	8,387	2,775	11,388
3730	MFRS. PLASTICS & SYNTHETIC RESINS	6	*	*	*	*	*	*	*	*
3740	MFRS. PHARMACEUTICALS & MEDICINES	4	*	*	*	*	*	*	*	*
3750	PAINT & VARNISH MFRS.	3	*	*	*	*	*	*	*	*
3760	MFRS. OF SOAPS & CLEANING COMPOUNDS	9	96	30	126	2,645	213	6,405	8,141	14,473
3780	MFRS. OF INDUSTRIAL CHEMICALS	20	3,305	449	3,754	119,528	181,991	626,806	404,904	1,202,543
3781	MFRS. OF PIGMENTS & DRY COLOURS	1	*	*	*	*	*	*	*	*
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	12	*	*	*	*	*	*	*	*
3783	INDUSTRIAL CHEMS. (ORGANIC) N.E.S.	7	1,151	183	1,334	42,866	82,363	378,330	202,559	664,656
3790	MISCELLANEOUS CHEMICAL INDUSTRIES	32	*	*	*	*	*	*	*	*
3791	MFRS. OF PRINTING INKS	6	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	26	420	78	498	11,812	721	44,403	43,340	87,942
	TOTAL	158	7,674	1,547	9,221	275,752	239,259	3,899,703	805,014	4,936,538

TABLE 12
PRINCIPAL MANUFACTURING STATISTICS,
METALS AND EQUIPMENT INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
2910	IRON & STEEL MILLS	4	*	*	*	*	*	*	*	*
2920	STEEL PIPE & TUBE MILLS	6	1,062	32	1,094	30,578	2,247	163,657	70,620	226,215
2940	IRON FOUNDRIES	5	421	18	439	9,602	1,202	13,307	19,264	30,481
2950	SMELTING & REFINING	1	*	*	*	*	*	*	*	*
2960	ALUMINUM ROLLING, CASTING, ETC.	3	*	*	*	*	*	*	*	*
2980	METAL ROLLING, CASTING, ETC., N.E.S	6	31	7	38	792	249	2,352	1,153	3,912
3010	BOILER & PLATE WORKS	19	960	73	1,033	26,116	1,313	53,502	46,784	97,534
3020	FABRICATED STRUCTURAL METAL IND.	45	2,335	207	2,542	66,298	2,154	102,282	111,722	228,254
3030	ORNAMENTAL & ARCHITECTURAL METAL IN	69	1,087	268	1,355	28,339	1,499	44,040	51,914	99,441
3031	METAL DOOR & WINDOW MFRS.	33	689	219	908	18,238	903	31,666	32,055	66,497
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	36	398	49	447	10,101	596	12,374	19,859	32,944
3040	METAL STAMPING, PRESSING & COATING	72	1,562	194	1,756	39,293	2,663	89,662	77,260	171,190
3041	METAL COATING INDUSTRY	16	578	48	626	14,526	1,352	12,764	33,573	47,757
3042	METAL STAMPING & PRESSING INDUSTRY	56	984	146	1,130	24,767	1,311	76,898	43,687	123,433
3050	WIRE & WIRE PRODUCTS MFRS.	12	*	*	*	*	*	*	*	*
3059	OTHER WIRE PRODUCTS INDUSTRY	12	227	37	264	5,988	319	10,445	5,997	16,727
3060	HARDWARE, TOOL & CUTLERY MFRS.	23	*	*	*	*	*	*	*	*
3070	HEATING EQUIPMENT MFRS.	5	279	36	315	6,542	218	11,035	15,103	26,667
3080	MACHINE SHOPS	109	1,473	143	1,616	37,409	1,600	26,041	60,047	87,938
3090	MISC. METAL FABRICATING INDS.	44	785	94	879	22,133	1,034	38,779	42,126	81,071
3110	AGRICULTURAL IMPLEMENT INDUSTRY	21	523	63	586	12,401	708	22,025	20,469	43,138
3150	MISC. MACHINERY & EQUIPMENT MFRS.	134	*	*	*	*	*	*	*	*
3160	COMMERCIAL REFRIG. & AIR COND. MFRS	2	*	*	*	*	*	*	*	*
3210	AIRCRAFT & AIRCRAFT PARTS MFRS.	12	321	62	383	8,638	569	8,829	7,553	17,710
3240	TRUCK BODY & TRAILER MFRS.	43	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	14	215	30	245	5,383	264	8,635	8,657	17,675
3242	NON-COMMERCIAL TRAILER MFRS.	22	518	136	654	13,593	422	41,464	17,622	61,545
3243	COMMERCIAL TRAILER MFRS.	7	*	*	*	*	*	*	*	*
3250	MOTOR VEHICLE PARTS & ACCESS. MFRS.	8	175	14	189	4,863	368	5,505	7,788	13,481
3280	BOATBUILDING & REPAIR	5	32	4	36	737	53	967	997	1,951
3290	MISCELLANEOUS VEHICLE MFRS.	5	*	*	*	*	*	*	*	*
3310	MFRS. OF SMALL ELECTRIC. APPLIANCES	3	*	*	*	*	*	*	*	*
3330	MFRS. OF LIGHTING FIXTURES	2	*	*	*	*	*	*	*	*
3350	COMMUNICATIONS EQUIPMENT MFRS.	20	477	599	1,076	24,138	293	60,955	42,550	92,432
3360	MFRS. ELEC. INDUSTRIAL EQUIPMENT	15	481	196	677	15,884	389	21,627	17,694	39,502
3380	MFRS. OF ELECTRIC WIRE & CABLE	5	135	47	182	4,334	328	10,891	11,512	22,901
3390	MFRS. OF MISC. ELECTRICAL PRODUCTS	4	119	36	155	3,512	83	1,950	1,543	3,874
3391	BATTERY MFRS.	1	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	3	*	*	*	*	*	*	*	*
TOTAL		702	21,722	3,255	24,977	626,279	49,003	1,263,696	1,073,080	2,375,414

TABLE 13
PRINCIPAL MANUFACTURING STATISTICS,
FORESTRY PRODUCTS INDUSTRY, ALBERTA 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
2510	SAWMILLS, PLANING & SHINGLE MILLS	44	1,811	192	2,003	47,862	8,820	93,712	35,771	146,192
2513	SAWMILLS & PLANING MILLS	44	1,811	192	2,003	47,862	8,820	93,712	35,771	146,192
2520	VENEER & PLYWOOD MILLS	5	*	*	*	*	*	*	*	*
2540	SASH, DOOR & OTHER MILLWORK PLANTS	143	2,474	403	2,877	59,705	2,685	102,034	83,962	194,550
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	65	789	120	909	18,626	1,078	31,184	29,226	61,214
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	19	1,056	161	1,217	25,661	975	54,501	29,712	90,986
2544	MFRS. OF WOODEN KITCHEN CABINETS	59	629	122	751	15,419	631	16,348	25,024	42,350
2560	WOODEN BOX FACTORIES	7	*	*	*	*	*	*	*	*
2580	COFFIN & CASKET INDUSTRY	3	26	8	34	528	22	939	968	1,931
2590	MISCELLANEOUS WOOD INDUSTRIES	25	299	37	336	6,903	1,817	18,523	12,233	33,030
2591	WOOD PRESERVATION INDUSTRY	9	174	9	183	3,957	881	13,035	9,805	23,419
2592	WOOD HANDLES & TURNING INDUSTRY	1	*	*	*	*	*	*	*	*
2593	MFRS. OF PARTICLE BOARD	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	14	*	*	*	*	*	*	*	*
2610	HOUSEHOLD FURNITURE MFRS.	107	673	262	935	12,791	554	22,794	20,800	44,167
2611	FURNITURE RE-UPHOLSTERY & REPAIR	77	237	78	315	3,723	125	6,011	4,632	10,768
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	30	436	184	620	9,068	429	16,783	16,168	33,399
2640	OFFICE FURNITURE MFRS.	14	369	106	475	9,010	421	9,811	14,856	25,937
2660	MISC. FURNITURE & FIXTURE MFRS.	35	407	102	509	8,996	386	15,048	17,060	32,915
2710	PULP & PAPER MILLS	5	1,165	126	1,291	43,279	14,885	118,370	130,681	257,275
2720	ASPHALT ROOFING MFRS.	3	149	16	165	3,554	1,474	31,144	25,879	58,595
2730	PAPER BOX & BAG MFRS.	21	*	*	*	*	*	*	*	*
2731	FOLDING CARTON & SET-UP BOX MFRS.	1	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	9	359	83	442	10,087	773	32,354	21,161	54,312
2733	PAPER & PLASTIC BAG MFRS.	11	276	177	453	8,984	709	24,338	15,309	40,260
2740	MISCELLANEOUS PAPER CONVERTERS	10	*	*	*	*	*	*	*	*
2860	COMMERCIAL PRINTING	229	2,340	1,081	3,421	75,960	2,030	83,982	122,676	208,534
2870	PLATEMAKING, TYPESETTING, ETC. IND.	34	220	196	416	8,361	242	5,008	12,995	18,346
2880	PUBLISHING ONLY	51	207	266	473	7,826	11	8,061	12,642	20,721
2890	PUBLISHING & PRINTING	70	2,193	1,526	3,719	83,370	2,342	58,998	164,567	225,908
TOTAL		806	13,532	4,718	18,250	402,300	39,428	656,355	709,369	1,415,614

TABLE 14
PRINCIPAL MANUFACTURING STATISTICS,
NON-METALLIC MINERAL PRODUCTS, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
3510	CLAY PRODUCTS MFRS.	11	231	44	275	6,843	1,570	4,674	8,345	14,196
3511	CLAY PRODUCTS MFRS. (DOMESTIC CLAY)	5	*	*	*	*	*	*	*	*
3512	CLAY PRODUCTS MFRS. (IMPORTED CLAY)	6	*	*	*	*	*	*	*	*
3520	CEMENT MFRS.	3	*	*	*	*	*	*	*	*
3530	STONE PRODUCTS MFRS.	4	31	4	35	585	50	611	980	1,641
3540	CONCRETE PRODUCTS MFRS.	35	1,449	100	1,549	41,435	3,082	56,315	81,650	144,310
3541	CONCRETE PIPE MFRS.	6	334	25	359	9,554	951	12,643	20,179	33,358
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	12	835	39	874	24,142	1,313	30,433	47,752	82,095
3549	CONCRETE PRODUCTS MFRS. N.E.S.	17	280	36	316	7,739	818	13,239	13,720	28,857
3550	READY-MIX CONCRETE MFRS.	78	1,350	114	1,464	39,122	9,193	123,372	75,888	209,245
3560	GLASS & GLASS PRODUCTS MFRS.	6	*	*	*	*	*	*	*	*
3561	GLASS MFRS.	1	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	5	15	10	25	324	15	306	361	982
3580	LIME MFRS.	2	*	*	*	*	*	*	*	*
3590	MISC. NON-METALLIC MINERAL PRODUCTS	13	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	13	686	115	801	20,238	6,880	46,972	52,022	107,276
TOTAL		152	4,738	684	5,422	147,030	47,197	278,521	347,779	674,989

TABLE 15
PRINCIPAL MANUFACTURING STATISTICS,
MANUFACTURING INDUSTRIES, N.E.S., ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
1830	MAN-MADE FIBRE, YARN & CLOTH MILLS	1	*	*	*	*	*	*	*	*
1831	FIBRE & FILAMENT YARN MFRS.	1	*	*	*	*	*	*	*	*
1840	CORDAGE & TWINE INDUSTRY	1	*	*	*	*	*	*	*	*
1860	CARPET, MAT & RUG INDSUTRY	1	*	*	*	*	*	*	*	*
1870	CANVAS PRODUCTS, COTTON & JUTE BAGS	9	*	*	*	*	*	*	*	*
1871	COTTON & JUTE BAGS MFRS.	1	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	8	58	126	184	3,376	126	5,042	5,547	10,886
1880	AUTOMOBILE FABRIC ACCESSORIES IND.	1	*	*	*	*	*	*	*	*
1890	MISCELLANEOUS TEXTILE INDUSTRIES	34	*	*	*	*	*	*	*	*
1893	EMBROIDERY, PLEATING & HEMSTITCHING	4	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	4	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	26	70	198	268	3,866	192	9,918	6,732	16,630
2390	KNITTING MILLS (EXCEPT HOSIERY MILL	2	*	*	*	*	*	*	*	*
2392	OTHER KNITTING MILLS	2	*	*	*	*	*	*	*	*
2430	MEN'S CLOTHING INDUSTRIES	20	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	19	261	1,110	1,371	24,880	620	25,681	32,666	63,251
2432	MEN'S CLOTHING CONTRACTORS	1	*	*	*	*	*	*	*	*
2440	WOMEN'S CLOTHING INDUSTRIES	5	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	5	*	*	*	*	*	*	*	*
2460	FUR GOODS INDUSTRY	1	*	*	*	*	*	*	*	*
2490	MISCELLANEOUS CLOTHING INDUSTRIES	3	*	*	*	*	*	*	*	*
2492	HAT & CAP INDUSTRY	2	*	*	*	*	*	*	*	*
2499	MISC. CLOTHING INDS., N.E.S.	1	*	*	*	*	*	*	*	*
3910	SCIENTIFIC & PROFESSIONAL EQUIPMENT	107	1,168	439	1,607	30,144	487	29,838	37,799	66,921
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	26	558	203	761	17,517	254	19,253	21,838	40,147
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	4	15	7	22	323	7	422	655	1,085
3914	OPHTHALMIC GOODS MFRS.	18	147	91	238	3,881	89	5,137	4,589	9,810
3915	DENTAL LABORATORIES	59	448	138	586	8,423	137	5,026	10,716	15,879
3920	JEWELLERY & SILVERWARE INDUSTRY	16	45	60	105	1,768	86	1,414	2,711	4,139
3930	SPORTING GOODS & TOY INDUSTRIES	9	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	8	65	10	75	1,372	43	2,599	1,383	4,459
3932	TOYS & GAMES MFRS.	1	*	*	*	*	*	*	*	*
3970	SIGNS & DISPLAYS INDUSTRY	57	322	119	441	10,083	459	6,963	13,213	20,647
3990	MISCELLANEOUS MFG. INDUSTRIES, N.E.	26	*	*	*	*	*	*	*	*
3991	BROOM, BRUSH & MOP MFRS.	2	*	*	*	*	*	*	*	*
3994	SOUND RECORDING-MUSICAL INSTRUMENTS	1	*	*	*	*	*	*	*	*
3996	PEN & PENCIL MFRS.	1	*	*	*	*	*	*	*	*
3999	OTHER MISC. MANUFACTURING INDS.	22	127	51	178	2,546	140	4,736	5,223	10,172
TOTAL		293	2,546	2,677	5,223	96,420	4,498	135,259	146,965	288,673

SECTION D

Manufacturing Employment Statistics

TABLE 18
EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY,
ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	,000	$000	NO.	NO.	$000
TOTAL ALL INDUSTRIES		**2,490**	**190**	**45,501**	**9,333**	**112,455**	**1,238,537**	**17,428**	**7,439**	**686,726**
FOOD AND BEVERAGE INDUSTRIES		**366**	**34**	**8,711**	**2,455**	**22,550**	**243,042**	**3,784**	**1,338**	**129,429**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	69	6	3,942	1,173	10,209	118,097	897	405	31,967
1011	SLAUGHTERING & MEAT PROCESSORS	63	6	3,632	624	8,449	101,153	866	369	30,414
1012	POULTRY PROCESSORS	6	-	310	549	1,760	16,945	31	36	1,553
103	FRUIT & VEGETABLE PROCESSING INDS.	7	*	*	*	*	*	*	*	*
1031	FRUIT & VEG. CANNERS & PRESERVERS	5	-	103	67	373	2,810	42	7	1,116
1032	FROZEN FRUIT & VEGETABLE PROCESSORS	2	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	30	-	895	115	2,083	23,374	868	254	28,344
105	FLOUR & BREAKFAST CEREAL PRODUCTS	5	-	268	25	645	6,259	102	44	3,583
106	FEED INDUSTRY	67	2	569	18	1,195	11,164	223	91	7,421
107	BAKERY PRODUCTS INDUSTRIES	127	*	*	*	*	*	*	*	*
1071	BISCUIT MFRS.	1	*	*	*	*	*	*	*	*
1072	BAKERIES	126	26	751	478	2,379	23,167	385	152	13,486
108	MISCELLANEOUS FOOD INDUSTRIES	36	*	*	*	*	*	*	*	*
1081	CONFECTIONERY MFRS.	2	*	*	*	*	*	*	*	*
1082	CANE & BEET SUGAR PROCESSORS	1	*	*	*	*	*	*	*	*
1083	VEGETABLE OIL MILLS	5	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	28	-	338	283	1,234	10,927	344	100	10,252
109	BEVERAGE INDUSTRIES	25	-	1,249	167	2,962	31,509	648	191	23,118
1091	SOFT DRINK MFRS.	14	-	509	112	1,287	11,734	387	107	12,073
1092	DISTILLERIES	3	*	*	*	*	*	*	*	*
1093	BREWERIES	5	-	575	2	1,218	14,624	181	58	8,241
1094	WINERIES	3	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**63**	**-**	**854**	**238**	**2,288**	**20,831**	**321**	**121**	**11,497**
162	RUBBER PRODUCTS INDUSTRIES	4	-	124	7	273	2,948	161	44	5,218
1623	TIRE & TUBE MFRS.	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	59	-	730	229	1,995	17,684	160	77	6,280
LEATHER INDUSTRIES		**13**	*	*	*	*	*	*	*	*
172	LEATHER TANNERIES	2	*	*	*	*	*	*	*	*
174	SHOE FACTORIES	1	*	*	*	*	*	*	*	*
175	LEATHER GLOVE FACTORIES	1	*	*	*	*	*	*	*	*

TABLE 18 (CONTINUED)
EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	,000	$000	NO.	NO.	$000
179	LUGGAGE, HANDBAG, ETC. MFRS.	9	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	9	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**47**	**7**	**292**	**424**	**1,459**	**11,758**	**141**	**86**	**6,076**
183	MAN-MADE FIBRE, YARN & CLOTH MILLS	1	*	*	*	*	*	*	*	*
1831	FIBRE & FILAMENT YARN MFRS.	1	*	*	*	*	*	*	*	*
184	CORDAGE & TWINE INDUSTRY	1	*	*	*	*	*	*	*	*
186	CARPET, MAT & RUG INDUSTRY	1	*	*	*	*	*	*	*	*
187	CANVAS PRODUCTS, COTTON & JUTE BAGS	9	*	*	*	*	*	*	*	*
1871	COTTON & JUTE BAGS MFRS.	1	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	8	-	38	104	298	2,090	20	22	1,286
188	AUTOMOBILE FABRIC ACCESSORIES IND.	1	*	*	*	*	*	*	*	*
189	MISCELLANEOUS TEXTILE INDUSTRIES	34	*	*	*	*	*	*	*	*
1893	EMBROIDERY, PLEATING & HEMSTITCHING	4	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	4	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	26	5	51	184	457	3,062	19	14	804
KNITTING MILLS		**2**	*	*	*	*	*	*	*	*
239	KNITTING MILLS (EXCEPT HOSIERY MILLS)	2	*	*	*	*	*	*	*	*
2392	OTHER KNITTING MILLS	2	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES		**29**	**4**	**148**	**1,140**	**2,880**	**17,001**	**173**	**248**	**12,334**
243	MEN'S CLOTHING INDUSTRIES	20	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	19	2	106	871	2,045	13,212	155	239	11,667
2432	MEN'S CLOTHING CONTRACTORS	1	*	*	*	*	*	*	*	*
244	WOMEN'S CLOTHING INDUSTRIES	5	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	5	*	*	*	*	*	*	*	*
246	FUR GOODS INDUSTRY	1	*	*	*	*	*	*	*	*
249	MISCELLANEOUS CLOTHING INDUSTRIES	3	*	*	*	*	*	*	*	*
2492	HAT & CAP INDUSTRY	2	*	*	*	*	*	*	*	*
2499	MISC. CLOTHING INDS., N.E.S.	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**227**	**32**	**4,089**	**440**	**8,903**	**92,788**	**987**	**295**	**34,083**
251	SAWMILLS, PLANING & SHINGLE MILLS	44	9	1,615	133	3,551	40,006	196	59	7,856
2513	SAWMILLS & PLANING MILLS	44	9	1,615	133	3,551	40,006	196	59	7,856

TABLE 16 (CONTINUED)
EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	,000	$000	NO.	NO.	$000
252	VENEER & PLYWOOD MILLS	5	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	143	19	1,807	206	3,949	37,937	667	197	21,768
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	65	5	606	69	1,380	12,568	183	51	6,058
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	19	2	703	60	1,405	14,256	353	101	11,405
2544	MFRS. OF WOODEN KITCHEN CABINETS	59	12	498	77	1,164	11,114	131	45	4,305
256	WOODEN BOX FACTORIES	7	*	*	*	*	*	*	*	*
258	COFFIN & CASKET INDUSTRY	3	-	23	6	59	431	3	2	97
259	MISCELLANEOUS WOOD INDUSTRIES	25	2	257	22	527	5,461	42	15	1,443
2591	WOOD PRESERVATION INDUSTRY	9	-	161	2	305	3,453	13	7	504
2592	WOOD HANDLES & TURNING INDUSTRY	1	*	*	*	*	*	*	*	*
2593	MFRS. OF PARTICLE BOARD	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	14	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**156**	**42**	**1,267**	**335**	**3,301**	**23,936**	**182**	**135**	**6,860**
261	HOUSEHOLD FURNITURE MFRS.	107	40	623	235	1,767	11,248	50	27	1,543
2611	FURNITURE RE-UPHOLSTERY & REPAIR	77	35	237	78	677	3,723	-	-	-
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	30	5	386	157	1,090	7,525	50	27	1,543
264	OFFICE FURNITURE MFRS	14	1	287	41	686	5,765	82	65	3,244
266	MISC. FURNITURE & FIXTURE MFRS.	35	1	357	59	848	6,922	50	43	2,073
PAPER & ALLIED INDUSTRIES		**38**	**2**	**1,678**	**284**	**3,343**	**50,541**	**389**	**180**	**18,575**
271	PULP & PAPER MILLS	5	-	977	55	2,143	32,512	188	71	10,767
272	ASPHALT ROOFING MFRS.	3	-	119	3	237	2,600	30	13	955
273	PAPER BOX & BAG MFRS.	21	*	*	*	*	*	*	*	*
2731	FOLDING CARTON & SET-UP BOX MFRS.	1	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	9	-	290	49	666	7,335	69	34	2,752
2733	PAPER & PLASTIC BAG MFRS.	11	-	209	135	687	6,260	67	42	2,723
274	MISCELLANEOUS PAPER CONVERTERS	10	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**384**	**30**	**3,493**	**1,635**	**10,178**	**107,728**	**1,467**	**1,434**	**67,789**
286	COMMERCIAL PRINTING	229	21	1,826	728	5,025	51,378	514	353	24,581
287	PLATEMAKING, TYPESETTING, ETC. IND.	34	2	163	155	631	6,257	57	41	2,105
288	PUBLISHING ONLY	51	1	-	-	-	-	207	266	7,826
289	PUBLISHING & PRINTING	70	6	1,504	752	4,520	50,093	689	774	33,277

TABLE 18 (CONTINUED)
EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	,000	$000	NO.	NO.	$000
PRIMARY METAL INDUSTRIES		**25**	**1**	**2,905**	**58**	**6,234**	**79,739**	**736**	**220**	**31,856**
291	IRON & STEEL MILLS	4	*	*	*	*	*	*	*	*
292	STEEL PIPE & TUBE MILLS	6	-	948	9	1,999	26,070	114	23	4,508
294	IRON FOUNDRIES	5	-	373	3	730	7,638	48	15	1,964
295	SMELTING & REFINING	1	*	*	*	*	*	*	*	*
296	ALUMINUM ROLLING, CASTING & EXTRUDING	3	*	*	*	*	*	*	*	*
298	METAL ROLLING, CASTING, ETC., N.E.S.	6	-	28	2	66	618	3	5	175
METAL FABRICATING INDUSTRIES		**398**	**11**	**6,939**	**398**	**15,290**	**163,765**	**1,954**	**690**	**73,299**
301	BOILER & PLATE WORKS	19	-	750	12	1,580	18,290	210	61	7,826
302	FABRICATED STRUCTURAL METAL INDUSTRY	45	-	1,822	52	3,940	46,232	513	155	20,065
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	69	1	810	161	2,004	18,364	277	107	9,976
3031	METAL DOOR & WINDOW MFRS.	33	-	492	139	1,286	10,987	197	80	7,251
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	36	1	318	22	718	7,376	80	27	2,724
304	METAL STAMPING, PRESSING & COATING	72	4	1,217	75	2,705	27,252	345	119	12,041
3041	METAL COATING INDUSTRY	16	2	492	8	1,044	11,041	86	40	3,485
3042	METAL STAMPING & PRESSING INDUSTRY	56	2	725	67	1,661	16,211	259	79	8,556
305	WIRE & WIRE PRODUCTS MFRS.	12	*	*	*	*	*	*	*	*
3059	OTHER WIRE PRODUCTS INDUSTRY	12	-	126	8	289	2,820	101	29	3,168
306	HARDWARE, TOOL & CUTLERY MFRS.	23	*	*	*	*	*	*	*	*
307	HEATING EQUIPMENT MFRS.	5	1	170	15	371	2,976	109	21	3,566
308	MACHINE SHOPS	109	4	1,329	50	2,865	31,090	144	93	6,319
309	MISCELLANEOUS METAL FABRICATING INDS.	44	1	599	16	1,277	14,096	186	78	8,038
MACHINERY INDUSTRIES		**157**	**1**	**4,146**	**76**	**9,000**	**107,949**	**1,709**	**581**	**65,843**
311	AGRICULTURAL IMPLEMENT INDUSTRY	21	1	421	29	937	8,599	102	34	3,802
315	MISC. MACHINERY & EQUIPMENT MFRS.	134	*	*	*	*	*	*	*	*
316	COMMERCIAL REFRIG. & AIR COND. MFRS.	2	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES		**73**	**3**	**1,184**	**132**	**2,739**	**26,986**	**728**	**198**	**24,076**
321	AIRCRAFT & AIRCRAFT PARTS MFRS.	12	2	211	13	455	4,802	110	49	3,836
324	TRUCK BODY & TRAILER MFRS.	43	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	14	-	176	5	385	3,869	39	25	1,513
3242	NON-COMMERCIAL TRAILER MFRS.	22	-	411	104	1,078	9,831	107	32	3,762
3243	COMMERCIAL TRAILER MFRS.	7	*	*	*	*	*	*	*	*
325	MOTOR VEHICLE PARTS & ACCESS. MFRS.	8	-	154	4	330	3,642	21	10	1,221

TABLE 16 (CONTINUED)
EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY,
ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	,000	$000	NO.	NO.	$000
328	BOATBUILDING & REPAIR	5	1	28	2	60	611	4	2	126
329	MISCELLANEOUS VEHICLE MFRS.	5	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES		**49**	-	**528**	**828**	**2,372**	**22,292**	**895**	**298**	**30,471**
331	MFRS. OF SMALL ELECTRICAL APPLIANCES	3	*	*	*	*	*	*	*	*
333	MFRS. OF LIGHTING FIXTURES	2	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	20	-	178	495	1,359	11,873	299	104	12,265
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	15	-	199	100	628	6,474	282	96	9,410
338	MFRS. OF ELECTRIC WIRE & CABLE	5	-	86	27	232	2,547	49	20	1,787
339	MFRS. OF MISC. ELECTRICAL PRODUCTS	4	-	42	1	90	856	77	35	2,656
3391	BATTERY MFRS.	1	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	3	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**152**	**10**	**3,634**	**288**	**8,288**	**102,000**	**1,104**	**418**	**45,030**
351	CLAY PRODUCTS MFRS.	11	4	157	30	382	3,912	74	14	2,930
3511	CLAY PRODUCTS MFRS. (DOMESTIC CLAY)	5	*	*	*	*	*	*	*	*
3512	CLAY PRODUCTS MFRS. (IMPORTED CLAY)	6	*	*	*	*	*	*	*	*
352	CEMENT MFRS.	3	*	*	*	*	*	*	*	*
353	STONE PRODUCTS MFRS.	4	-	28	3	69	520	3	1	65
354	CONCRETE PRODUCTS MFRS.	35	4	1,116	5	2,295	28,403	333	95	13,031
3541	CONCRETE PIPE MFRS.	6	-	260	-	518	7,070	74	25	2,484
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	12	2	663	3	1,362	16,605	172	36	7,537
3549	CONCRETE PRODUCTS MFRS. N.E.S.	17	2	193	2	415	4,729	87	34	3,010
355	READY-MIX CONCRETE MFRS.	78	1	1,109	22	2,366	30,278	241	92	8,844
356	GLASS & GLASS PRODUCTS MFRS.	6	*	*	*	*	*	*	*	*
3561	GLASS MFRS.	1	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	5	1	15	10	43	324	-	-	-
358	LIME MFRS.	2	*	*	*	*	*	*	*	*
359	MISC. NON-METALLIC MINERAL PRODUCTS	13	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	13	-	520	32	1,193	13,481	166	83	6,756
PETROLEUM & COAL PRODUCTS INDUSTRIES		**18**	-	**1,058**	**33**	**2,388**	**35,200**	**847**	**427**	**47,658**
365	PETROLEUM REFINERIES	10	*	*	*	*	*	*	*	*
3651	PETROLEUM REFINING	7	-	931	18	2,071	32,125	813	408	46,046
3652	MFRS. OF LUBRICATING OILS & GREASES	3	*	*	*	*	*	*	*	*
369	MISC. PETROLEUM & COAL PRODUCTS INDS.	6	*	*	*	*	*	*	*	*

TABLE 18 (CONCLUDED)
EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY, ALBERTA, 1982

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	,000	$000	NO.	NO.	$000
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES		**79**	**-**	**3,152**	**215**	**6,910**	**100,866**	**1,384**	**500**	**57,384**
372	MFRS. OF MIXED FERTILIZERS	5	-	22	1	46	457	16	5	423
373	MFRS. PLASTICS & SYNTHETIC RESINS	6	*	*	*	*	*	*	*	*
374	MFRS. PHARMACEUTICALS & MEDICINES	4	*	*	*	*	*	*	*	*
375	PAINT & VARNISH MFRS.	3	*	*	*	*	*	*	*	*
376	MFRS. OF SOAPS & CLEANING COMPOUNDS	9	-	39	11	101	923	57	19	1,722
378	MFRS. OF INDUSTRIAL CHEMICALS	20	-	2,516	141	5,399	83,558	789	308	35,970
3781	MFRS. OF PIGMENTS & DRY COLOURS	1	*	*	*	*	*	*	*	*
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	12	*	*	*	*	*	*	*	*
3783	INDUSTRIAL CHEMS. (ORGANIC) N.E.S.	7	-	980	79	1,958	33,620	171	104	9,245
379	MISCELLANEOUS CHEMICAL INDUSTRIES	32	*	*	*	*	*	*	*	*
3791	MFRS. OF PRINTING INKS	6	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	26	-	199	19	443	4,545	221	59	7,267
MISCELLANEOUS MANUFACTURING INDUSTRIES		**215**	**13**	**1,249**	**462**	**3,354**	**27,678**	**528**	**281**	**20,555**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	107	6	774	290	2,138	16,466	394	149	13,678
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	26	-	204	81	592	5,187	354	122	12,331
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	4	-	15	7	45	323	-	-	-
3914	OPHTHALMIC GOODS MFRS.	18	-	107	64	340	2,534	40	27	1,347
3915	DENTAL LABORATORIES	59	6	448	138	1,162	8,423	-	-	-
392	JEWELLERY & SILVERWARE INDUSTRY	16	3	38	45	166	1,255	7	15	512
393	SPORTING GOODS & TOY INDUSTRIES	9	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	8	-	52	2	112	920	13	8	451
3932	TOYS & GAMES MFRS.	1	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	57	1	255	79	640	6,657	67	40	3,425
399	MISCELLANEOUS MFG. INDUSTRIES, N.E.S.	26	*	*	*	*	*	*	*	*
3991	BROOM, BRUSH & MOP MFRS.	2	*	*	*	*	*	*	*	*
3994	SOUND RECORDING-MUSICAL INSTRUMENTS	1	*	*	*	*	*	*	*	*
3996	PEN & PENCIL MFRS.	1	*	*	*	*	*	*	*	*
3999	OTHER MISC. MANUFACTURING INDS.	22	1	117	38	258	2,117	10	13	429

APPENDICES

APPENDIX A

GLOSSARY

Ancillary Unit: Any auxiliary unit other than a head office or other administrative office.

Auxiliary Unit: Any non-establishment (i.e., non-manufacturing) statistical unit such as a head office, sales office, warehouse and so on.

Cost of Materials and Supplies, Fuel and Electricity: Consumption of purchased items at laid-down cost. Includes inter-company and intra-company transfers, contract work by others and motor fuel consumption.

Edmonton Metro: The City of Edmonton plus any surrounding communities where the bulk of the employed population works in the City of Edmonton. Includes these municipalities: Edmonton Proper, Fort Saskatchewan, St. Albert, Gibbons, Morinville, Bon Accord, Legal, Strathcona Co. #20, Sturgeon M.D. #99, Alex Reserve #134, and Redwater.

Edmonton Proper: The City of Edmonton.

Employees: Production and non-production employees engaged in the manufacturing industry.

Establishment: Smallest operating unit capable of reporting specific input and output data, usually a factory, plant or a mill. Note that a company's production may be reported through more than one establishment.

Note: For a more detailed discussion of terminology, see Statistics Canada publication Concepts and Definitions of the Census of Manufactures, Catalogue 31-528.

Gross Domestic Product (GDP): A measure of total production for a certain time period within certain geographic boundaries, in this case Alberta provincial borders. GDP at factor cost is a measure of total production as calculated by the earnings of the actual factors of production (land, labour, capital). This production figure does not show the additional income accrued by non-factor components of gross domestic product (indirect taxes less subsidies, the residual).

Manufacturing Activity: Consists of a manufacturing establishment's cost of materials and supplies used, plus cost of fuel and electricity used, plus value added.

Non-Manufacturing Activity: Comprised of an establishment's secondary activities such as the warehousing and distribution of own goods, the merchandising of goods purchased for resale as such, the carrying out of construction with own labour force for own use, and so on.

Non-Production Employees: Employees on the executive, administrative, sales office and warehousing staff. Those not directly involved in the manufacture of goods. See "Production Employees."

Principal Manufacturing Statistics: For each reporting unit, consist of number of employees, total wages and salaries, cost of materials and supplies, cost of fuel and electricity, value of shipments, and value added.

Production Employees: Employees engaged in processing and assembling, storing, inspecting (including quality control), handling and packing manufactured goods. Includes employees in related activities such as maintenance, repair, janitorial and watchman services, and working foremen doing similar work to that of employees they supervise. See "Non-production Employees."

Reporting Establishments: The manufacturing establishments that responded to the survey, including those smaller manufacturers for which Revenue Canada tax information was used. See "Total Establishments."

Salaries and Wages: Reported before income tax deductions and employee benefits. Comprise all man-hours paid for regular work, overtime, paid leave, bonuses, commissions, etc.

Standard Industrial Classification (SIC): A method of uniformly categorizing establishments in the same or a similar kind of economic activity. Manufacturing activities are divided into general categories called divisions (2-digit codes), which are subdivided into classes (3-digit codes), then into component groups (4-digit codes). Care must be taken if compiling data to the two digit level, not to add figures for both three-digit industries and their four-digit components, as this will result in double counting. The 1982 publication of manufacturing activity utilizes the 1970 revision of the Standard Industrial Classification. For a complete list of manufacturing SIC codes and descriptions, see Appendix C.

Total Activity: The composite of an establishment's manufacturing and non-manufacturing activity.

Total Establishments: All Alberta-located manufacturing establishments plus non-manufacturing head offices or other auxiliary units. See "Reporting Establishments".

Value Added: A measure of net output, that is, of gross output less those purchased inputs which have been embodied in the value of the product. Gross output is production in a given period, calculated as revenue (or shipments) adjusted for inventory change. Also described as the value of shipments of own manufacture plus net change in inventory of goods both in process and completed, less cost of materials and supplies, fuel and electricity.

Value of Shipments of Goods of Own Manufacture: Gross value of goods produced by the reporting establishment from its own materials or for its account. Value is net of discounts, returns and allowances, sales tax, excise taxes and duties, returnable containers and common or contract carriers, charges

for outward transportation (but not of own carriers' delivery expenses). Includes repair and customs revenue, transfers to reporting units of the same firm, all exports, and book value of own products shipped on a rental basis. Unsold domestic consignment shipments are not included. For two industries, the fabricated structural metal industry, and aircraft and aircraft parts manufacturers, value of production is substituted for value of shipments.

APPENDIX B

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Airdrie	1	Feeds	1060
	1	Bakeries	1072
	1	Miscellaneous Food Processors	1089
	1	Sash, Door & Other Millwork	2541
	1	Household Furniture	2619
	1	Publishing	2880
	1	Wire & Wire Products	3059
	2	Hardware & Tools	3060
	1	Misc. Machinery & Equipment	3150
	2	Non-Commercial Trailers	3242
	1	Commercial Trailers	3243
	1	Boatbuilding & Repair	3280
	1	Electrical Industrial Equipment	3360
	1	Clay Products (domestic clay)	3512
	1	Concrete Products	3549
	1	Ready-Mix Concrete	3550
Alberta Beach	1	Furniture Re-Upholstery & Repair	2611
Andrew	1	Poultry Processors	1012
	1	Dairies	1040
Athabasca	1	Feeds	1060
	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Commerical Printing	2860
	1	Publishing & Printing	2890
Athabasca Co. #12	1	Sawmills & Planing Mills	2513
Banff	2	Dairies	1040
	1	Bakeries	1072
	1	Other Knitting Mills	2392
	1	Publishing	2880
	2	Publishing & Printing	2890
Barnwell	1	Furniture Re-Upholstery & Repair	2611
Barons	1	Agricultural Implements	3110
Barrhead	1	Meat Products	1011
	1	Dairies	1040
	2	Feeds	1060
	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Household Furniture	2619
	1	Commercial Printing	2860
	1	Publishing Only	2880
	1	Ready-Mix Concrete	3550
Barrhead Co. #11	2	Sawmills & Planing Mills	2513
Bashaw	1	Publishing & Printing	2890
Bassano	1	Feeds	1060
	1	Miscellaneous Food Processors	1089
	1	Miscellaneous Paper Converters	2740
	2	Publishing & Printing	2890
	1	Electrical Industrial Equipment	3360
Beaumont	1	Concrete Products	3549
Beaverlodge	1	Meat Products	1011
	1	Bakeries	1072
	1	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
Belseker	1	Ready-Mix Concrete	3550
	1	Mixed Fertilizers	3720
Bellis	1	Misc. Furniture & Fixtures	2660
Bittern Lake	1	Metal Stamping & Pressing	3042
Blackfalds	1	Ornamental & Arch. Metal	3039
Blackie	1	Plastics Fabricating	1650
	1	Concrete Products	3549
	1	Miscellaneous Chemical	3799

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Bonnyville	1	Meat Products	1011
	1	Dairies	1040
	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	2	Wooden Kitchen Cabinets	2544
	1	Furniture Re-upholstery & Repair	2611
	1	Publishing & Printing	2890
	1	Agricultural Implements	3110
	2	Misc. Machinery & Equipment	3150
	1	Signs & Displays	3970
Bonnyville M.D. #87	1	Bakeries	1072
	1	Aircraft & Aircraft Parts	3210
	2	Ready-Mix Concrete	3550
Bowden	1	Commercial Printing	2860
	1	Non-Commercial Trailers	3242
	1	Sporting Goods	3931
Bow Island	1	Bakeries	1072
	1	Publishing & Printing	2890
Boyle	1	Sawmills & Planing Mills	2513
Brocket	1	Shoes	1740
Brooks	2	Meat Products	1011
	3	Feeds	1060
	2	Bakeries	1072
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Steel Pipe & Tube	2920
	1	Hardware Tool & Cutlery	3060
	2	Machine Shops	3080
	1	Misc. Machinery & Equipment	3150
	1	Ready-Mix Concrete	3550
Bruderheim	1	Feeds	1060
Bruderheim (cont'd)	1	Wooden Kitchen Cabinets	2544
Cadogan	1	Concrete Products	3549
Calmar	1	Feeds	1060
	1	Bakeries	1072
Camrose	1	Meat Products	1011
	1	Dairies	1040
	1	Flour & Cereal	1050
	1	Feeds	1060
	1	Bakeries	1072
	1	Miscellaneous Textiles	1899
	1	Wood Kitchen Cabinets	2544
	1	Furniture Re-upholstery & Repair	2611
	1	Commercial Printing	2860
	2	Publishing & Printing	2890
	1	Steel Pipe and Tube	2920
	1	Boiler & Plate Works	3010
	1	Ornamental & Arch. Metal	3039
	1	Metal Stamping & Pressing	3042
	2	Machine Shops	3080
	1	Truck Bodies	3241
	1	Ready-Mix Concrete	3550
	1	Opthalmic Goods	3914
	1	Signs & Displays	3970
Camrose Co. #22	1	Feeds	1060
	1	Wood Preservation	2591
	1	Dental Laboratories	3915
Canmore	1	Miscellaneous Wood	2599
	1	Commercial Printing	2860
	1	Publishing Only	2880
	1	Metal Stamping & Pressing	3042
	1	Ready-Mix Concrete	3550
	1	Miscellaneous Manufacturing	3999
Carbon	1	Mixed Fertilizers	3720

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Cardston	1	Men's Clothing	2431
	1	Sawmills & Planing Mills	2513
	1	Wooden Kitchen Cabinets	2544
	1	Misc. Furniture & Fixtures	2660
	1	Commercial Printing	2860
Caroline	1	Sash, Door & Other Millwork	2541
Carrot Creek	1	Sawmills & Planing Mills	2513
Carseland	1	Agricultural Implements	3110
	1	Industrial Chemicals (Inorganic)	3782
	1	Industrial Chemicals (Organic)	3783
Carstairs	1	Miscellaneous Textiles	1899
	1	Aircraft & Aircraft Parts	3210
Castor	1	Meat Products	1011
	1	Dairies	1040
	1	Feeds	1060
	1	Publishing & Printing	2890
Cherhill	1	Commercial Printing	2860
Chisholm	2	Sawmills & Planing Mills	2513
Claresholm	1	Feeds	1060
	1	Bakeries	1072
	1	Furniture Re-Upholestry & Repair	2611
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	1	Misc. Machinery & Equipment	3150
	1	Ready-Mix Concrete	3550
	1	Sporting Goods	3931
Coaldale	2	Meat Products	1011
	1	Feeds	1060
	1	Miscellaneous Textile Industries	1899
Coaldale (cont'd)	1	Sash, Door & Other Millwork	2541
	1	Metal Door & Window	3031
	1	Agricultural Implements	3110
	1	Truck Bodies	3241
	1	Other Miscellaneous	3999
Coalhurst	1	Ornamental & Arch. Metal	3039
Cochrane	1	Sawmills & Planing Mills	2513
	1	Wood Preservation	2591
	1	Miscellaneous Wood Industries	2599
	1	Metal Rolling, Casting & Extruding	2980
	1	Boiler & Plate Works	3010
	1	Ornamental & Architectural Metal	3039
	1	Signs & Displays	3970
	1	Miscellaneous Manufacturing	3999
Colinton	1	Slaughtering & Meat Processors	1011
College Heights	1	Household Furniture	2619
	1	Commercial Printing	2860
	1	Communication Equipment	3350
	1	Industrial Chemicals (Organic)	3783
Consort	1	Publishing & Printing	2890
	1	Machine Shops	3080
Coronation	1	Bakeries	1072
	1	Publishing & Printing	2890
Cowley	1	Sawmills & Planing Mills	2513
Cremona	1	Sawmills & Planing Mills	2513
	1	Misc. Machinery & Equipment	3150
Crooked Creek	1	Sawmills & Planing Mills	2513
Crossfield	1	Boiler & Plate Works	3010
	1	Machine Shops	3080

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Crowsnest Pass	1	Dairy Products	1040
	1	Misc. Food Processors, n.e.s.	1089
	2	Sawmills & Planing Mills	2513
	1	Wooden Boxes	2560
	1	Wood Preservation	2591
	2	Publishing Only	2880
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	1	Electrical Industrial Equipment	3360
	1	Electric Wire & Cable	3380
	1	Lime	3580
	1	Dental Laboratories	3915
Debolt	1	Wooden Kitchen Cabinets	2544
Delburne	1	Slaughtering & Meat Processors	1011
	1	Feeds	1060
	2	Sash, Door & Other Millwork	2541
	1	Alum. Rolling, Casting & Extruding	2960
Devon	1	Miscellaneous Leather Products	1799
	1	Publishing & Printing	2890
	1	Machine Shops	3080
Dewberry	1	Wooden Kitchen Cabinets	2544
Didsbury	1	Meat Products	1011
	1	Dairies	1040
	1	Feeds	1060
	1	Bakeries	1072
	2	Commercial Printing	2860
	1	Agricultural Implement	3110
	1	Ready-Mix Concrete	3550
Donalda	1	Dairies	1040
Drayton Valley	1	Bakeries	1072
	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
Drayton Valley (cont'd)	1	Publishing & Printing	2890
	1	Machine Shops	3080
	1	Miscellaneous Metal Fabricating	3090
	1	Communications Equipment	3350
Drumheller	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Agricultural Implements	3110
	1	Ready-Mix Concrete	3550
	2	Dental Laboratories	3915
Duchess	1	Slaughtering & Meat Processors	1011
Eckville	1	Non-Commercial Trailer	3242
	1	Concrete Products	3549
Edson	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Wood Preservation	2591
	1	Commercial Printing	2860
	1	Publishing Only	2880
	1	Publishing & Printing	2890
	1	Misc. Machinery & Equipment	3150
	1	Ready-Mix Concrete	3550
Elk Point	1	Bakeries	1072
	1	Publishing & Printing	2890
Enilda	1	Sawmills & Planing Mills	2513
Evansburg	1	Dairies	1040
Fairview	1	Bakeries	1072
	1	Commercial Printing	2860
	1	Publishing	2880
Falher	1	Feeds	1060
	1	Miscellaneous Wood	2599

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Forestburg	1	Feeds	1060
	1	Bakeries	1072
Fort MacLeod	1	Feeds	1060
	1	Bakeries	1072
	1	Veneer & Plywood	2520
	1	Sash, Door & Other Millwork	2541
	1	Pre-Fabricated Buildings	2543
	1	Publishing & Printing	2890
	1	Misc. Machinery & Equipment	3150
Fort McMurray	2	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Pre-Fabricated Building	2543
	1	Wooden Kitchen Cabinets	2544
	2	Furniture Re-Upholstery & Repair	2611
	1	Miscellaneous Furniture & Fixture	2660
	2	Commercial Printing	2860
	1	Publishing & Printing	2890
	4	Machine Shops	3080
	3	Ready-Mix Concrete	3550
	1	Miscellaneous Chemical	3799
	1	Dental Laboratories	3915
*Fort Saskatchewan	1	Bakeries	1072
	1	Vegetable Oil Mills	1083
	2	Plastic Fabricators	1650
	1	Wooden Boxes	2560
	1	Household Furniture	2619
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Smelting & Refining	2950
	1	Ornamental & Arch. Metal	3039
	2	Machine Shops	3080
	1	Miscellaneous Metal	3090
	1	Plastics & Synthetic Resins	3730
	4	Industrial Chemicals (Inorganic)	3782
	2	Industrial Chemicals (Organic)	3783
Ft. Sask. (cont'd)	2	Miscellaneous Chemical	3799
Fox Creek	2	Machine Shops	3080
*Gibbons	1	Household Furniture	2619
	1	Misc. Machinery & Equipment	3150
Glenwood	1	Dairies	1040
Goodfish Lake	1	Men's Clothing Factories	2431
Grande Cache	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing & Printing	2890
	1	Miscellaneous Chemical	3799
Grand Centre	1	Bakeries	1072
	1	Sash, Door & Other Millwork	2541
	2	Wooden Kitchen Cabinets	2544
	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
Grande Prairie	2	Meat Products	1011
	1	Dairies	1040
	2	Feeds	1060
	1	Bakeries	1072
	1	Carbonated Beverages	1091
	1	Sawmills & Planing Mills	2513
	1	Veneer & Plywood	2520
	1	Sash, Door & Other Millwork	2541
	1	Pre-fabricated Building	2543
	1	Furniture Re-Upholstery & Repair	2611
	1	Household Furniture	2619
	2	Commercial Printing	2860
	2	Publishing & Printing	2890
	1	Metal Doors & Windows	3031
	1	Metal Stamping, Pressing	3042
	1	Wire & Wire Products	3059

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Grande Prairie (cont'd)	1	Hardware, Tool & Cutlery	3060
	2	Machine Shops	3080
	1	Motor Vehicles Parts & Accessories	3250
	1	Clay Products (imported clay)	3512
	1	Structural Concrete Products	3542
	2	Ready-Mix Concrete	3550
	1	Dental Labs	3915
	1	Signs & Displays	3970
Grande Prairie Co. #1	1	Sawmills & Planing Mills	2513
	1	Pre-fabricated Building	2543
	1	Pulp & Paper Mills	2710
Granum	1	Wire & Wire Products	3059
	1	Mixed Fertilizers	3720
Grimshaw	1	Ready-Mix Concrete	3550
Guy	1	Sawmills & Planing Mills	2513
Hanna	1	Miscellaneous Textile Industries	1899
	1	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
High Level	1	Sawmills & Planing Mills	2513
	2	Machine Shops	3080
	1	Ready-Mix Concrete	3550
High Prairie	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Wooden Kitchen Cabinets	2544
	1	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
High River	1	Feeds	1060
	1	Bakeries	1072
	1	Misc. Food Processors	1089
	1	Distilleries	1092
	1	Miscellaneous Leather	1799
High River (cont'd)	1	Wooden Kitchen Cabinets	2544
	1	Furniture Re-Upholstery & Repair	2611
	2	Non-Commercial Trailers	3242
	2	Boatbuilding & Repair	3280
	1	Clay Products (domestic clay)	3511
	1	Ready-Mix Concrete	3550
	1	Pharmaceutical & Medicines	3740
	1	Jewellery & Silverware	3920
	1	Signs & Displays	3970
Hines Creek	2	Sawmills & Planing Mills	2513
	1	Household Furniture	2619
Hinton	1	Bakeries	1072
	2	Sawmills & Planing Mills	2513
	1	Wooden Kitchen Cabinets	2544
	1	Furniture Re-Upholstery & Repair	2611
	1	Pulp & Paper Mills	2710
	1	Commercial Printing	2860
	2	Publishing Only	2880
	1	Misc. Machinery & Equipment	3150
	2	Ready-Mix Concrete	3550
	1	Signs & Displays	3970
Hobbema	1	Miscellaneous Textile Industries	1899
	1	Miscellaneous Clothing	2499
	1	Sash, Door & Other Millwork	2541
	1	Household Furniture	2619
Hotchkiss	1	Sawmills & Planing Mills	2513
I.D. #1	1	Wooden Box Factories	2560
I.D. #7	1	Canvas Products	1872
	1	Wood Preservation	2591
I.D. #8	1	Cement	3520
	1	Lime	3580

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
I.D. #10	1	Sawmills & Planing Mills	2513
	1	Publishing Only	2880
I.D. #14	2	Sawmills & Planing Mills	2513
	1	Wood Preservation	2591
	1	Miscellaneous Chemical	3799
I.D. #15	1	Sawmills & Planing Mills	2513
I.D. #16	1	Sawmills & Planing Mills	2513
I.D. #17	3	Sawmills & Planing Mills	2513
	1	Veneer & Plywood Mills	2520
I.D. #18	1	Sawmills & Planing Mills	2513
	1	Ready-Mix Concrete	3550
Innisfail	2	Meat Products	1011
	1	Feeds	1060
	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Sash, Door & Other Millwork	2541
	1	Miscellaneous Wood	2599
	2	Publishing & Printing	2890
	1	Metal Door & Window	3031
	1	Machine Shops	3080
	1	Ready-Mix Concrete	3550
	1	Miscellaneous Non-Metallic Mineral	3599
	1	Miscellaneous Manufacturing	3999
Irricana	1	Publishing Only	2880
Jasper	1	Bakeries	1072
	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Other Miscellaneous	3999
Killam	1	Agricultural Implements	3110
	1	Ready-Mix Concrete	3550
Kingman	1	Furniture Re-Upholstery & Repair	2611
Kinsella	1	Ready-Mix Concrete	3550
La Crete	4	Sawmills & Planing Mills	2513
Lac La Biche	1	Men's Clothing	2431
	1	Publishing & Printing	2890
	1	Aircraft & Aircraft Parts	3210
Lacombe	1	Feeds	1060
	2	Bakeries	1072
	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Metal Stamping & Pressing	3042
	1	Ready-Mix Concrete	3550
	1	Jewellery & Silverware	3920
	1	Sporting Goods	3931
Lamont	1	Publishing Only	2880
	1	Ready-Mix Concrete	3550
Leduc	1	Meat Products	1011
	1	Dairy Products	1040
	1	Feeds	1060
	2	Bakeries	1072
	1	Miscellaneous Leather Products	1799
	1	Miscellaneous Textile Industries	1899
	1	Sash, Door & Other Millwork	2541
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Metal Stamping & Pressing	3042
	2	Machine Shops	3080
	2	Misc. Machinery & Equipment	3150
	1	Ready-Mix Concrete	3550
Leduc Co. #25	1	Sash, Door & Other Millwork	2541
	4	Fabricated Structural Metal	3020
	1	Machine Shops	3080

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Leduc Co. #25	4	Miscellaneous Machinery	3150
	1	Electrical Industrial Equipment	3360
	1	Miscellaneous Chemicals	3799
*Legal	1	Feeds	1060
	1	Metal Stamping & Pressing	3042
Lesliеville	1	Plastics Fabricating	1650
Lethbridge Co. #26	1	Meat Products	1011
	1	Feeds	1060
	1	Plastic Fabricating	1650
	1	Sash, Door & Other Millwork	2541
	1	Pre-Fabricated Buildings	2543
	1	Fabricated Structural Metal	3020
	2	Ornamental & Arch. Metal	3039
	1	Agricultural Implements	3110
	2	Non-Commercial Trailers	3242
	1	Commercial Trailers	3243
	1	Structural Concrete	3542
Linden	1	Feeds	1060
	1	Machinery & Equipment	3150
Lloydminster	1	Bakeries	1072
	1	Vegetable Oil Mills	1083
	1	Pre-Fabricated Buildings	2543
	2	Furniture Re-Upholstery & Repair	2611
	1	Wooden Kitchen Cabinets	2544
	1	Asphalt Roofing	2720
	1	Commercial Printing	2860
	1	Publisning & Printing	2890
	1	Boiler & Plate Works	3010
	1	Metal Stamping, Pressing	3042
	2	Ready-Mix Concrete	3550
	1	Petroleum Refining	3651
	1	Misc. Petroleum & Coal Products	3690
	1	Signs & Displays	3970
Lodgepole	2	Sawmills & Planing Mills	2513
Longview	1	Machine Shops	3080
Magrath	1	Sash, Door & Other Millwork	2541
	1	Wood Handles & Turning	2592
Mallaig	1	Feeds	1060
Manning	1	Sawmills & Planing Mills	2513
	1	Ready-Mix Concrete	3550
Mannville	1	Publishing & Printing	2890
Marwayne	1	Ornamental & Arch. Metal	3039
Mayerthorpe	1	Feeds	1060
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
McLennan	1	Bakeries	1072
Meeting Creek	1	Plastics Fabricating	1650
Milk River	1	Furniture Re-upholstery & Repair	2611
Millarville	1	Sawmills & Planing Mills	2513
Millet	1	Wooden Kitchen Cabinets	2544
	1	Sporting Goods	3931
Mirror	1	Meat Products	1011
*Morinville	2	Bakeries	1072
	1	Sash, Door & Other Millwork	2541
	1	Publishing & Printing	2890
	1	Misc. Machinery & Equipment	3150
	1	Ready-Mix Concrete	3550

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Mountain View	1	Men's Clothing	2431
Namao	1	Aircraft & Aircraft Parts	3210
	1	Concrete Products	3549
Nanton	1	Miscellaneous Leather Products	1799
	1	Commercial Printing	2860
	1	Publishing Only	2880
	1	Publishing & Printing	2890
	1	Agricultural Implement	3110
New Sarepta	1	Metal Door & Window	3031
Nisku	1	Miscellaneous Rubber Products	1629
	1	Plastics Fabricating	1650
	1	Sash, Door & Other Millwork	2541
	1	Pre-fabricated Buildings	2543
	1	Commercial Printing	2860
	3	Boiler & Plate Works	3010
	7	Fabricated Structural Metal	3020
	1	Ornamental & Arch. Metal	3039
	1	Machine Shops	3080
	7	Miscellaneous Machinery & Equip.	3150
	1	Non-Commercial Trailers	3242
	1	Boatbuilding & Repair	3280
	1	Soap & Cleaning Compounds	3760
Nobleford	1	Agricultural Implements	3110
Okotoks	1	Poultry Processors	1012
	1	Feeds	1060
	1	Plastic Fabricating	1650
	1	Publishing Only	2880
	1	Ornamental & Arch. Metal	3039
	1	Miscellaneous Metal Fabricating	3090
	1	Agricultural Implements	3110
	1	Ready-Mix Concrete	3550
	1	Soap & Cleaning Compounds	3760
Olds	1	Feeds	1060
	1	Bakeries	1072
	1	Wooden Kitchen Cabinets	2544
	1	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
	1	Pharmaceutical Medicines	3740
	1	Sporting Goods	3931
	1	Signs & Display Signs	3970
Onoway	1	Slaughtering & Meat Processors	1011
	1	Miscellaneous Wood	2599
	1	Household Furniture	2619
	1	Publishing Only	2880
	1	Ready-Mix Concrete	3550
Oyen	1	Publishing Only	2880
	1	Aircraft & Aircraft Parts	3210
	1	Ready-Mix Concrete	3550
Parkland Co. #31	1	Sawmills & Planing Mills	2513
	1	Pre-fabricated Buildings	2543
	1	Wooden Kitchen Cabinets	2544
	1	Coffin & Casket	2580
	1	Misc. Machinery & Equipment	3150
	1	Cement	3520
	2	Ready-Mix Concrete	3550
Peace River	1	Dairies	1040
	1	Bakeries	1072
	2	Sawmills & Planing Mills	2513
	1	Pre-Fabricated Buildings	2543
	1	Commercial Printing	2860
	1	Machine Shops	3080
	1	Ready-Mix Concrete	3550
Peers	1	Sawmills & Planing Mills	2513
Penhold	1	Meat Products	1011
	2	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Picture Butte	2	Feeds	1060
	1	Sash, Door and Other Millwork	2541
Pincher Creek	1	Meat Products	1011
	1	Bakeries	1072
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	1	Dental Laboratories	3915
Pincher Creek M.D. #9	1	Feeds	1060
Plamondon	1	Wooden Kitchen Cabinets	2544
Ponoka	1	Meat Products	1011
	1	Bakeries	1072
	1	Sash, Door & Other Millwork	2541
	2	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
Provost	1	Bakeries	1072
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing Only	2880
Provost M.D. #52	1	Meat Products	1011
Raymond	1	Feeds	1060
	2	Plastics Fabricating	1650
	1	Sash, Door & Other Millwork	2541
	2	Miscellaneous Chemical	3799
Red Deer Co. #23	1	Agricultural Implements	3110
	1	Petroleum Refining	3651
*Redwater	1	Bakeries	1072
	1	Metal Stamping, Pressing	3042
	1	Machine Shops	3080
	1	Railroad Rolling Stock	3260
	1	Signs & Display Signs	3970
Rimbey	1	Meat Products	1011
	1	Feeds	1060
	1	Bakeries	1072
	1	Publishing & Printing	2890
Rocky Mountain House	2	Sawmills & Planing Mills	2513
	1	Wood Preservation	2591
	1	Miscellaneous Wood	2599
	1	Publishing & Printing	2890
	1	Clay Products (Imported clay)	3512
Rockyford	1	Slaughtering & Meat Processors	1011
Rockyview M.D. #44	1	Wooden Boxes	2560
	1	Corrugated Boxes	2732
	1	Publishing Only	2880
	1	Misc. Machinery & Equipment	3150
	1	Non-Commercial Trailers	3242
	1	Petroleum Refining	3651
	1	Scientific & Prof. Equipment	3911
Rosalind	1	Miscellaneous Chemical	3799
Rosedale	1	Sash, Door & Other Millwork	2541
Rycroft	2	Misc. Machinery & Equipment	3150
	1	Stone Products	3530
Ryley	1	Meat Products	1011
*St. Albert	2	Bakeries	1072
	3	Plastic Fabricating	1650
	1	Embroidery, Pleating & Hemstiching	1893
	3	Miscellaneous Textile	1899
	1	Sash, Door & Other Millwork	2541
	2	Wooden Kitchen Cabinets	2544
	1	Household Furniture	2619
	1	Miscellaneous Furniture & Fixture	2660

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
St. Albert (cont'd)	3	Commercial Printing	2860
	1	Publishing	2880
	1	Ornamental & Arch. Metal	3039
	1	Hardware, Tools & Cutlery	3060
	1	Misccellaneous Metal Fabricating	3090
	1	Aircraft & Aircraft Parts	3210
	1	Small Electrical Appliance	3310
	1	Mixed Fertilizers	3720
	1	Instrument & Related Products	3911
St. Paul	1	Dairies	1040
	1	Bakeries	1072
	1	Carbonated Beverages	1091
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	1	Concrete Products	3549
St. Paul Co. #19	1	Meat Products	1011
Sangudo	1	Agricultural Implements	3110
Seba Beach	1	Meat Products	1011
Sedgewick	1	Publishing & Printing	2890
Seven Persons	1	Sash, Door & Other Millwork	2541
Sherwood Park	1	Bakeries	1072
	1	Miscellaneous Food Processors	1089
	1	Plastics Fabricating	1650
	1	Sawmills & Planing Mills	2513
	2	Miscellaneous Furniture & Fixture	2660
	2	Commercial Printing	2860
	1	Metal Door & Window	3031
	1	Metal Stamping & Pressing	3042
	1	Machine Shops	3080
	1	Instrument & Related Products	3911
	2	Sporting Goods	3931
Sherwood Park (cont'd)	1	Signs & Displays	3970
	2	Other Miscellaneous	3999
Slave Lake	1	Particle Board	2593
	1	Publishing	2880
	1	Ready-Mix Concrete	3550
Smith	1	Miscellaneous Wood	2599
Smoky Lake	1	Feeds	1060
	1	Bakeries	1072
	1	Publishing Only	2880
	1	Ready-Mix Concrete	3550
Smoky River M.D. #130	1	Feeds	1060
Spedden	1	Shingle Mills	2511
Spirit River	1	Sawmills & Planing Mills	2513
	1	Household Furniture	2619
Springbank Creek	1	Ready-Mix Concrete	3550
Spruce Grove	1	Slaughtering & Meat Processors	1011
	1	Sash, Door & Other Millwork	2541
	1	Wooden Box	2560
	1	Furniture Re-upholstery & Repair	2611
	1	Office Furniture	2640
	1	Miscellaneous Furniture & Fixture	2660
	2	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Hardware Tool & Cuttery	3060
	2	Miscellaneous Machinery & Equip.	3150
	2	Commercial Trailer	3243
	1	Electrical Industrial Equip.	3360
	1	Concrete Products	3549
Stand Off	1	Pre-Fabricated Buildings	2543
Stavely	1	Sash, Door & Other Millwork	2541

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Stettler	1	Meat Products	1011
	1	Dairies	1040
	1	Bakeries	1072
	2	Wooden Kitchen Cabinets	2544
	1	Household Furniture	2619
	1	Commercial Printing	2860
	2	Publishing & Printing	2890
	1	Metal Doors & Windows	3031
	1	Agricultural Implements	3110
	1	Signs & Displays	3970
Stettler Co. #6	1	Feeds	1060
	1	Dental Laboratories	3915
Stony Plain	1	Meat Products	1011
	1	Feeds	1060
	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Wooden Kitchen Cabinets	2544
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Miscellaneous Vehicle	3290
	1	Pharmaceutical & Medicines	3740
*Strathcona Co. #20	1	Slaughtering & Meat Processors	1011
	3	Feeds	1060
	1	Soft Drinks	1091
	3	Plastic Fabricating	1650
	1	Fibre & Filament Yarn	1831
	1	Pre-fabricated Buildings	2543
	2	Wooden Kitchen Cabinets	2544
	1	Pulp & Paper Mills	2710
	1	Asphalt Roofing	2720
	1	Corrugated Boxes	2732
	1	Commercial Printing	2860
	1	Iron & Steel Mills	2910
	1	Boiler & Plate Works	3010
	4	Fabricated Structural Metal	3020
	1	Metal Stamping, Pressing	3042
Strathcona Co. #20 (cont'd)	1	Wire & Wire Products	3059
	2	Machine Shop	3080
	2	Miscellaneous Metal Fabricating	3090
	4	Miscellaneous Machinery	3150
	2	Truck Bodies	3241
	1	Commercial Trailers	3243
	1	Boatbuilding & Repair	3280
	1	Cement	3520
	1	Concrete Pipe	3541
	1	Structural Concrete	3542
	2	Miscellaneous Non-Metallic	3599
	3	Petroleum	3651
	1	Lubricating Oil & Greases	3652
	3	Miscellaneous Petroleum & Coal	3690
	2	Plastic & Synthetic Resins	3730
	2	Soaps & Cleaning Compounds	3760
	1	Industrial Chemicals (Inorganic)	3782
	2	Industrial Chemicals (organic)	3783
	1	Miscellaneous Chemical	3799
	2	Signs & Displays	3970
Strathmore	1	Feeds	1060
	1	Publishing & Printing	2890
	1	Ornamental & Arch. Metal	3039
	1	Miscellaneous Machinery	3150
Strome	1	Boat Building & Repair	3280
Sturgeon M.D. #90	1	Sash, Door & Other Millwork	2541
	1	Concrete Products	3549
	1	Plastics & Synthetic Resins	3730
	1	Industrial Chemicals (Inorganic)	3782
Sundre	1	Feeds	1060
	2	Sawmills & Planing Mills	2513
	1	Publishing & Printing	2890
	1	Non-Commercial Trailer	3242
	1	Ready-Mix Concrete	3550

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Swan Hills	1	Machine Shops	3080
Sylvan Lake	1	Bakeries	1072
	1	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
Taber	1	Meat Products	1011
	1	Canners & Preservers	1031
	1	Feeds	1060
	1	Bakeries	1072
	1	Beet Sugar	1082
	1	Miscellaneous Food	1089
	1	Wooden Kitch Cabinets	2544
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	1	Ready-Mix Concrete	3550
Temple	1	Ready-Mix Concrete	3550
Thorsby	1	Dairies	1040
	1	Feeds	1060
	1	Wooden Kitchen Cabinets	2544
Three Hills	1	Dairies	1040
	1	Bakeries	1072
	2	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Heating Equipment	3070
Tilley	2	Feeds	1060
	1	Commercial Printing	2860
Tofield	1	Meat Products	1011
	1	Furniture Re-Upholestery & Repair	2611
	1	Ready-Mix Concrete	3550
Trochu	1	Meat Products	1011
	1	Misc. Machinery & Equipment	3150
	1	Ready-Mix Concrete	3550
Turner Valley	1	Publishing Only	2880
Two Hills	1	Miscellaneous Food Processors	1089
Valleyview	1	Publishing & Printing	2890
Vauxhall	1	Canners & Preservers	1031
	2	Feeds	1060
Vegreville	2	Dairies	1040
	2	Publishing & Printing	2890
	1	Agricultural Implements	3110
	1	Ready-Mix Concrete	3550
Vermilion	1	Dairies	1040
	1	Bakeries	1072
	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Agricultural Implements	3110
	1	Miscellaneous Machinery	3150
	1	Ready-Mix Concrete	3550
Vermilion River Co. #24	1	Slaughtering & Meat Processors	1011
	1	Ready-Mix Concrete	3550
Viking	1	Publishing & Printing	2890
	1	Misc. Mechinery & Equipment	3150
Vulcan	1	Bakeries	1072
	1	Publishing & Printing	2890
	1	Non-Commercial Trailers	3242
	1	Ready-Mix Concrete	3550
Vulcan Co. #2	1	Household Furniture	2619
	1	Mixed Fertilizers	3720
Wabamun Airport	1	Household Furniture	2619
	1	Pulp & Paper Mills	2710
	1	Fabricated Structural Metal	3020

APPENDIX B (concluded)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1982

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Wainwright	1	Meat Products	1011
	1	Bakeries	1072
	1	Pre-Fabricated Building (wood)	2543
	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Machine Shops	3080
Warner	1	Commercial Printing	2860
Welling	1	Small Electrical Appliances	3310
Wembley	1	Furniture Re-upholstery & Repair	2611
Westlock	1	Dairies	1040
	1	Bakeries	1072
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing	2880
	1	Publishing & Printing	2890
	1	Metal Stamping, Pressing	3042
	1	Machine Shops	3080
	2	Ready-Mix Concrete	3550
Wetaskiwin	2	Slaughtering & Meat Processors	1011
	3	Dairies	1040
	2	Feeds	1060
	1	Bakeries	1072
	1	Plastics Fabricators	1650
	1	Miscellaneous Textiles	1899
	2	Sash, Door & Other Millwork	2541
	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Publishing Only	2880
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	3	Miscellaneous Machine & Equip.	3150
	1	Aircraft & Aircraft Parts	3210
	1	Truck Bodies	3241
	1	Ready-Mix Concrete	3550
Wetaskiwin Co. #10	1	Fruit & Veg. Canners & Processors	1031
	1	Wood Preservation	2591
Whitecourt	1	Slaughtering & Meat Processors	1011
	1	Bakeries	1072
	1	Plastic Fabricating	1650
	1	Sawmills & Planing Mills	2513
	1	Publishing	2880
	2	Publishing & Printing	2890
Wildwood	1	Sawmills & Planing Mills	2513
Willingdon	1	Wooden Box	2560
Willow Creek M.D. #26	1	Slaughtering & Meat Processors	1011
	1	Sash, Door & Other Millwork	2541
	1	Metal Stamping & Pressing	3042
	1	Non-Commercial Trailers	3242
Winterburn	1	Sash, Door & Other Millwork	2541
	2	Wooden Kitchen Cabinets	2544
	1	Wooden Box Factories	2560
	1	Household Furniture	2619
	1	Non-Commercial Trailers	3242
	1	Signs & Displays	3970

*Part of Edmonton Metro

APPENDIX C

STANDARD INDUSTRIAL CLASSIFICATION CODES (1970) - MANUFACTURING INDUSTRIES

IND. CODE		
		INDUSTRY GROUP 1 - FOOD AND BEVERAGE INDUSTRIES
101		Meat and Poultry Products Industries
	1011	Slaughtering and Meat Processors
	1012	Poultry Processors
102		Fish Products Industry
103		Fruit and Vegetable Processing Industries
	1031	Fruit & Vegetable Canners & Preservers
	1032	Frozen Fruit & Vegetable Processors
104		Dairy Products Industry
105		Flour & Breakfast Cereal Products Industry
106		Feed Industry
107		Bakery Products Industries
	1071	Biscuit Manufacturers
	1072	Bakeries
108		Miscellaneous Food Industries
	1081	Confectionery Manufacturers
	1082	Cane & Beet Sugar Processors
	1083	Vegetable Oil Mills
	1089	Miscellaneous Food Processors, n.e.s.
109		Beverage Industries
	1091	Soft Drink Manufacturers
	1092	Distilleries
	1093	Breweries
	1094	Wineries
		INDUSTRY GROUP 2 - TOBACCO PRODUCTS INDUSTRIES
151		Leaf Tobacco Processors
153		Tobacco Products Manufacturers

IND. CODE		
		INDUSTRY GROUP 3 - RUBBER & PLASTICS PRODS. INDS.
162		Rubber Products Industries
	1623	Tire & Tube Manufacturers
	1624	Rubber Footwear Manufacturers
	1629	Misc. Rubber Products Manufacturers
165		Plastics Fabricating Industry, n.e.s.
		INDUSTRY GROUP 4 - LEATHER INDUSTRIES
172		Leather Tanneries
174		Shoe Factories
175		Leather Glove Factories
179		Luggage, Handbag & Small Leather Goods Mfrs.
	1792	Boot & Shoe Findings Manufacturers
	1799	Misc. Leather Products Manufacturers
		INDUSTRY GROUP 5 - TEXTILE INDUSTRIES
181		Cotton Yarn & Cloth Mills
182		Wool Yarn & Cloth Mills
183		Man-Made Fibre, Yarn & Cloth Mills
	1831	Fibre & Filament Yarn Manufacturers
	1832	Throwsters, Spun Yarn & Cloth Mills
184		Cordage & Twine Industry
185		Felt & Fibre Processing Mills
	1851	Fibre Processing Mills
	1852	Pressed & Punched Felt Mills
186		Carpet, Mat & Rug Industry
187		Canvas Products & Cotton & Jute Bags Industries

APPENDIX C (continued)

STANDARD INDUSTRIAL CLASSIFICATION CODES (1970) -

MANUFACTURING INDUSTRIES

IND. CODE		INDUSTRY GROUP 5 - TEXTILE INDUSTRIES - (CONCLUDED)
	1871	Cotton & Jute Bags Manufacturers
	1872	Canvas Products Manufacturers
188		Automobile Fabric Accessories Industry
189		Miscellaneous Textile Industries
	1891	Thread Mills
	1892	Narrow Fabric Mills
	1893	Embroidery, Pleating & Hemstitching Mfrs.
	1894	Textile Dyeing & Finishing Plants
	1899	Miscellaneous Textile Industries, n.e.s.
		INDUSTRY GROUP 6 - KNITTING MILLS
231		Hosiery Mills
239		Knitting Mills (except Hosiery Mills)
	2391	Knitted Fabric Manufacturers
	2392	Other Knitting Mills
		INDUSTRY GROUP 7 - CLOTHING INDUSTRIES
243		Men's Clothing Industries
	2431	Men's Clothing Factories
	2432	Men's Clothing Contractors
244		Women's Clothing Industries
	2441	Women's Clothing Factories
	2442	Women's Clothing Contractors
245		Children's Clothing Industry
246		Fur Goods Industry
248		Foundation Garment Industry
249		Miscellaneous Clothing Industries
	2491	Fabric Glove Manufacturers

IND. CODE		INDUSTRY GROUP 7 - CLOTHING INDUSTRIES - (CONCLUDED)
	2492	Hat & Cap Industry
	2499	Misc. Clothing Industries, n.e.s.
		INDUSTRY GROUP 8 - WOOD INDUSTRIES
251		Sawmills, Planning Mills & Shingle Mills
	2511	Shingle Mills
	2513	Sawmills & Planing Mills (except Shingle Mills)
252		Veneer & Plywood Mills
254		Sash, Door & Other Millwork Plants
	2541	Sash, Door & Other Millwork Plants, n.e.s.
	2543	Mfrs. of Pre-fabricated Buildings (Wood-Frame Construction)
	2544	Mfrs. of Wooden Kitchen Cabinets
256		Wooden Box Factories
258		Coffin & Casket Industry
259		Miscellaneous Wood Industries
	2591	Wood Preservation Industry
	2592	Wood Handles & Turning Industry
	2593	Manufacturers of Particle Board
	2599	Miscellaneous Wood Industries, n.e.s.
		INDUSTRY GROUP 9 - FURNITURE & FIXTURE INDUSTRIES
261		Household Furniture Manufacturers
	2611	Furniture Re-Upholstery & Repair Shops
	2619	Household Furniture Manufacturers, n.e.s.
264		Office Furniture Manufacturers
266		Misc. Furniture & Fixture Manufacturers
268		Electric Lamp & Shade Manufacturers

APPENDIX C (continued)

STANDARD INDUSTRIAL CLASSIFICATION CODES (1970) -

MANUFACTURING INDUSTRIES

IND. CODE		
		INDUSTRY GROUP 10 - PAPER & ALLIED INDUSTRIES
271		Pulp & Paper Mills
272		Asphalt Roofing Manfacturers
273		Paper Box & Bag Manufacturers
	2731	Folding Carton & Set-up Box Mfrs.
	2732	Corrugated Box Manufacturers
	2733	Paper & Plastic Bag Manufacturers
274		Miscellaneous Paper Converters
		INDUSTRY GROUP 11 - PRINTING, PUBLISHING & ALLIED INDUSTRIES
286		Commercial Printing
287		Platemaking, Typesetting & Trade Bindery Ind.
288		Publishing Only
289		Publishing & Printing
		INDUSTRY GROUP 12 - PRIMARY METAL INDUSTRIES
291		Iron & Steel Mills
292		Steel Pipe & Tube Mills
294		Iron Foundaries
295		Smelting & Refining
296		Aluminum Rolling, Casting & Extruding
297		Copper & Copper Alloy Rolling, Casting & Extruding
298		Metal Rolling, Casting & Extruding, n.e.s.

IND. CODE		
		INDUSTRY GROUP 13 - METAL FABRICATING INDUSTRIES (EXCEPT MACHINERY & TRANSPORTATION EQUIPMENT INDS.)
301		Boiler & Plate Works
302		Fabricated Structural Metal Industry
303		Ornamental & Architectural Metal Industry
	3031	Metal Door & Window Manufacturers
	3039	Ornametal & Architectural Metal Industry, n.e.s.
304		Metal Stamping, Pressing & Coating Industry
	3041	Metal Coating Industry
	3042	Metal Stamping & Pressing Industry
305		Wire & Wire Products Manufacturers
306		Hardware, Tool & Cutlery Manufacturers
307		Heating Equipment Manufacturers
308		Machine Shops
309		Miscellaneous Metal Fabricating Industries
		INDUSTRY GROUP 14 - MACHINERY INDUSTRIES (EXCEPT ELECTRICAL MACHINERY)
311		Agricultural Implement Industry
315		Misc. Machinery & Equipment Manufacturers
316		Commercial Refrigeration & Air Conditioning Equipment Manufacturers
318		Office & Store Machinery Manufacturers
		INDUSTRY GROUP 15 - TRANSPORTATION EQUIPMENT INDUSTRI
321		Aircraft & Aircraft Parts Manufacturers

APPENDIX C (continued)

STANDARD INDUSTRIAL CLASSIFICATION CODES (1970) -

MANUFACTURING INDUSTRIES

IND. CODE		INDUSTRY GROUP 15 - TRANSPORTATION EQUIPMENT INDUSTRIES (CONCLUDED)
323		Motor Vehicle Manufacturers
324		Truck Body & Trailer Manufacturers
	3241	Truck Body Manufacturers
	3242	Non-Commercial Trailer Manufacturers
	3243	Commercial Trailer Manufacturers
325		Motor Vehicle Parts & Accessories Mfrs.
326		Railroad Rolling Stock Industry
327		Shipbuilding & Repair
328		Boatbuilding & Repair
329		Miscellaneous Vehicle Manufacturers
		INDUSTRY GROUP 16 - ELECTRICAL PRODUCTS INDUSTRIES
331		Mfrs. of Small Electrical Appliances
332		Mfrs. of Major Appliances (Electric & Non-Electric)
333		Mfrs. of Lighting Fixtures
334		Mfrs. of Household Radio & T.V. Receivers
335		Communications Equipment Manufacturers
336		Mfrs. of Electrical Industrial Equipment
338		Mfrs. of Electric Wire & Cable
339		Mfrs. of Misc. Electrical Products
	3391	Battery Manufacturers
	3399	Mfrs. of Misc. Electrical Products, n.e.s.

IND. CODE		INDUSTRY GROUP 17 - NON-METALLIC MINERIAL PRODUCTS INDUSTRIES
351		Clay Products Manufacturers
	3511	Clay Products Mfrs. (from domestic clays)
	3512	Clay Products Mfrs. (from imported clays)
352		Cement Manufacturers
353		Stone Products Manufacturers
354		Concrete Products Manfacturers
	3541	Concrete Pipe Manufacturers
	3542	Mfrs. of Structural Concrete Products
	3549	Concrete Products Mfrs., n.e.s.
355		Ready-Mix Concrete Manufacturers
356		Glass & Glass Products Manufacturers
	3561	Glass Manufacturers
	3562	Glass Products Manufacturers
357		Abrasives Manufacturers
358		Lime Manufacturers
359		Miscellaneous Non-Metallic Mineral Products Industries
	3591	Refractories Manufacturers
	3599	Miscellaneous Non-Metallic Mineral Products Industries, n.e.s.
		INDUSTRY GROUP 18 - PETROLEUM AND COAL PRODUCTS INDS.
365		Petroleum Refineries
	3651	Petroleum Refining
	3652	Mfrs. of Lubricating Oils & Greases
369		Misc. Petroleum & Coal Products Industries.

APPENDIX C (concluded)

STANDARD INDUSTRIAL CLASSIFICATION CODES (1970) -

MANUFACTURING INDUSTRIES

IND. CODE		INDUSTRY GROUP 19 - CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES
372		Mfrs. of Mixed Fertilizers
373		Mfrs. of Plastics & Synthetic Resins
374		Mfrs. of Pharmaceutical & Medicines
375		Paint & Varnish Manufacturers
376		Mfrs. of Soap & Cleaning Compounds
377		Mfrs. of Toilet Preparations
378		Manufacturers of Industrial Chemicals
	3781	Manufacturers of Pigments & Dry Colours
	3782	Manufacturers of Industrial Chemicals (Inorganic), n.e.s.
	3783	Manufacturers of Industrial Chemicals (Organic), n.e.s.
379		Miscellaneous Chemical Industries
	3791	Manufacturers of Printing Inks
	3799	Miscellaneous Chemical Industries, n.e.s.
		INDUSTRY GROUP 20 - MISCELLANEOUS MANUFACTURING INDUSTRIES
391		Scientific & Professional Equipment Industries
	3911	Instrument & Related Products Manufacturers
	3912	Clock & Watch Manufacturers
	3913	Orthopaedic & Surgical Appliance Mfrs.
	3914	Ophthalmic Goods Manufacturers
	3915	Dental Laboratories
392		Jewellery and Silverware Industry
393		Sporting Goods and Toy Industries
	3931	Sporting Goods Manufacturers
	3932	Toys and Games Manufacturers

IND. CODE		INDUSTRY GROUP 20 - MISCELLANEOUS MANUFACTURING INDUSTRIES - (Concluded)
397		Signs and Displays Industry
399		Miscellaneous Manufacturing Industries, n.e.s.
	3991	Broom, Brush and Mop Manufacturers
	3992	Button, Buckle and Fastener Manufacturers
	3993	Floor Tile, Linoleum and Coated Fabrics Manufacturers
	3994	Sound Recording and Musical Instrument Manufacturers
	3996	Pen and Pencil Manufacturers
	3998	Fur Dressing and Dyeing
	3999	Other Miscellaneous Manufacturing Industries